

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133784.D
 Acq On : 15 Jun 2023 20:13
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 16 02:58:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	96342	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	350932	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	168838	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	307557	20.000	ng	0.00
76) Chrysene-d12	14.004	240	140735	20.000	ng	0.00
86) Perylene-d12	15.462	264	164926	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	464415	83.920	ng	0.00
7) Phenol-d6	6.463	99	562768	78.125	ng	0.00
23) Nitrobenzene-d5	7.398	82	539043	83.663	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	167007	78.143	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	964638	81.217	ng	0.00
79) Terphenyl-d14	12.945	244	774691	85.175	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.540	88	95781	39.368	ng	98
3) Pyridine	3.293	79	246130	34.708	ng	97
4) n-Nitrosodimethylamine	3.246	42	153464	39.150	ng	95
6) Aniline	6.498	93	333327	36.739	ng	100
8) 2-Chlorophenol	6.616	128	232972	39.947	ng	99
9) Benzaldehyde	6.387	77	169221	35.408	ng	98
10) Phenol	6.481	94	294522	39.156	ng	98
11) bis(2-Chloroethyl)ether	6.569	93	220026	39.402	ng	94
12) 1,3-Dichlorobenzene	6.775	146	250693	40.232	ng	99
13) 1,4-Dichlorobenzene	6.851	146	253062	40.182	ng	99
14) 1,2-Dichlorobenzene	7.004	146	235075	41.308	ng	99
15) Benzyl Alcohol	6.975	79	231038	41.065	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	384383	40.607	ng	98
17) 2-Methylphenol	7.087	107	209212	40.473	ng	99
18) Hexachloroethane	7.345	117	94956	44.041	ng	99
19) n-Nitroso-di-n-propyla...	7.245	70	176840	38.585	ng	96
20) 3+4-Methylphenols	7.239	107	256994	38.218	ng	95
22) Acetophenone	7.245	105	320980	39.879	ng	# 99
24) Nitrobenzene	7.416	77	275031	42.392	ng	95
25) Isophorone	7.657	82	472788	39.970	ng	99
26) 2-Nitrophenol	7.734	139	128891	44.268	ng	99
27) 2,4-Dimethylphenol	7.769	122	202934	40.437	ng	98
28) bis(2-Chloroethoxy)met...	7.869	93	271799	39.757	ng	100
29) 2,4-Dichlorophenol	7.975	162	197325	40.119	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	209413	40.808	ng	96
31) Naphthalene	8.139	128	681149	39.839	ng	99
32) Benzoic acid	7.881	122	127856	40.396	ng	97
33) 4-Chloroaniline	8.186	127	280643	38.389	ng	99
34) Hexachlorobutadiene	8.251	225	133005	39.587	ng	97
35) Caprolactam	8.563	113	61944	37.427	ng	97
36) 4-Chloro-3-methylphenol	8.663	107	220914	38.966	ng	96
37) 2-Methylnaphthalene	8.828	142	474352	39.930	ng	99
38) 1-Methylnaphthalene	8.928	142	430556	39.387	ng	98
40) 1,2,4,5-Tetrachloroben...	8.992	216	211883	41.280	ng	99
41) Hexachlorocyclopentadiene	8.980	237	112046	48.985	ng	99
43) 2,4,6-Trichlorophenol	9.104	196	144120	42.018	ng	98

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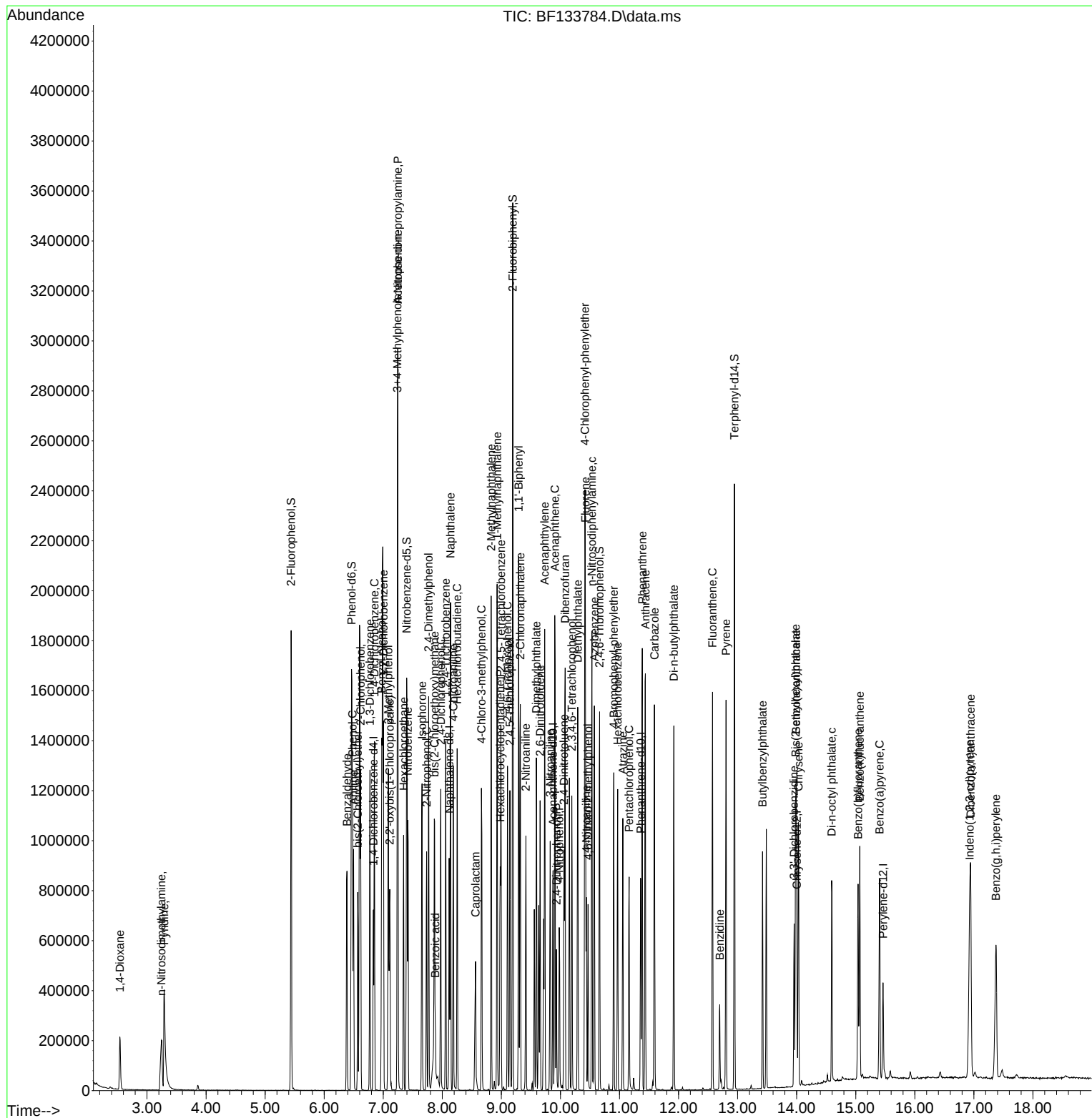
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	165868	41.567	ng	100
46) 1,1'-Biphenyl	9.292	154	560714	41.177	ng	99
47) 2-Chloronaphthalene	9.322	162	407192	41.688	ng	99
48) 2-Nitroaniline	9.416	65	149697	41.905	ng	98
49) Acenaphthylene	9.733	152	700070	41.179	ng	99
50) Dimethylphthalate	9.592	163	496016	39.359	ng	99
51) 2,6-Dinitrotoluene	9.657	165	109113	41.947	ng	# 81
52) Acenaphthene	9.904	154	403474	40.546	ng	100
53) 3-Nitroaniline	9.828	138	128587	40.621	ng	92
54) 2,4-Dinitrophenol	9.933	184	57609	47.799	ng	91
55) Dibenzofuran	10.080	168	629682	41.469	ng	99
56) 4-Nitrophenol	9.980	139	87785	41.090	ng	# 77
57) 2,4-Dinitrotoluene	10.063	165	139709	42.230	ng	92
58) Fluorene	10.422	166	474029	40.822	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	125771	42.099	ng	97
60) Diethylphthalate	10.292	149	500122	38.992	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	227804	39.739	ng	97
62) 4-Nitroaniline	10.439	138	119400	38.470	ng	92
63) Azobenzene	10.575	77	481162	39.627	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	73479	49.997	ng	80
66) n-Nitrosodiphenylamine	10.533	169	417782	40.440	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	139562	40.656	ng	96
68) Hexachlorobenzene	10.969	284	145830	40.398	ng	97
69) Atrazine	11.057	200	110629	36.907	ng	97
70) Pentachlorophenol	11.163	266	90707	41.963	ng	98
71) Phenanthrene	11.386	178	628136	40.255	ng	100
72) Anthracene	11.439	178	654869	40.250	ng	99
73) Carbazole	11.592	167	571274	37.699	ng	99
74) Di-n-butylphthalate	11.921	149	666287	34.298	ng	99
75) Fluoranthene	12.574	202	599916	36.204	ng	99
77) Benzidine	12.698	184	141631	29.991	ng	98
78) Pyrene	12.804	202	603430	46.028	ng	100
80) Butylbenzylphthalate	13.421	149	199820	36.104	ng	100
81) Benzo(a)anthracene	13.992	228	402120	41.308	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	125676	38.832	ng	99
83) Chrysene	14.033	228	387252	42.059	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	230283	33.792	ng	98
85) Di-n-octyl phthalate	14.592	149	385584	39.816	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	541625	47.735	ng	100
88) Benzo(b)fluoranthene	15.039	252	362170	36.150	ng	99
89) Benzo(k)fluoranthene	15.068	252	374914	38.416	ng	99
90) Benzo(a)pyrene	15.404	252	379659	40.832	ng	98
91) Dibenzo(a,h)anthracene	16.945	278	444360	47.304	ng	98
92) Benzo(g,h,i)perylene	17.374	276	458646	49.245	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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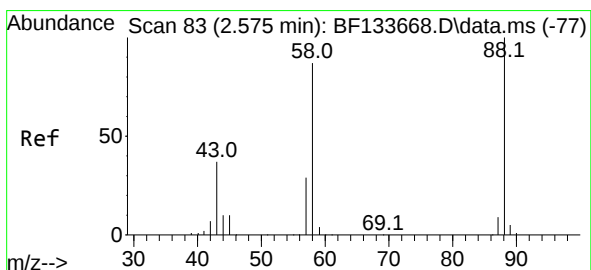
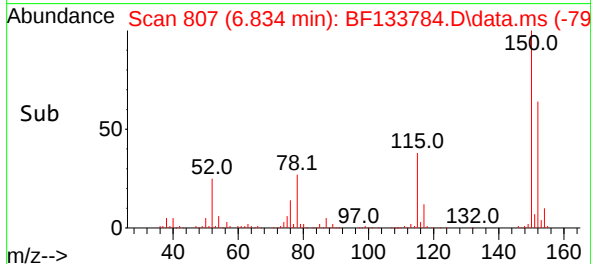
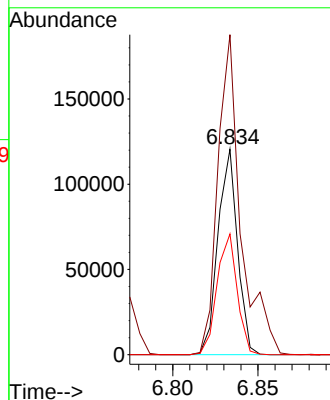
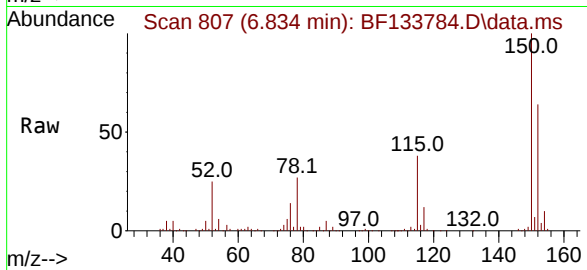




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133784.D
 Acq: 15 Jun 2023 20:13

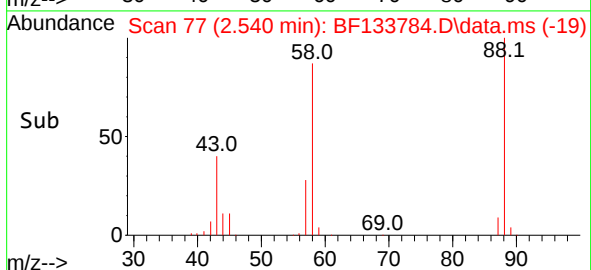
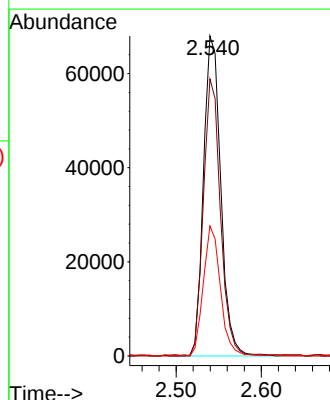
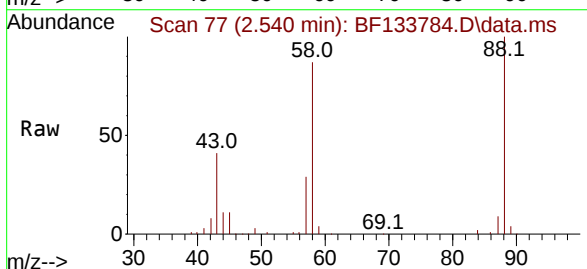
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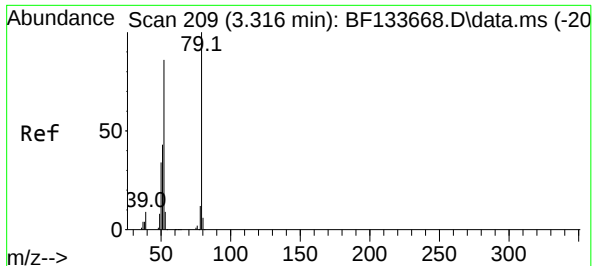
Tgt Ion:152 Resp: 96342
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.3 186.5
 115 58.8 48.5 72.7



#2
 1,4-Dioxane
 Concen: 39.368 ng
 RT: 2.540 min Scan# 77
 Delta R.T. -0.006 min
 Lab File: BF133784.D
 Acq: 15 Jun 2023 20:13

Tgt Ion: 88 Resp: 95781
 Ion Ratio Lower Upper
 88 100
 58 85.3 67.8 101.6
 43 39.4 29.8 44.6

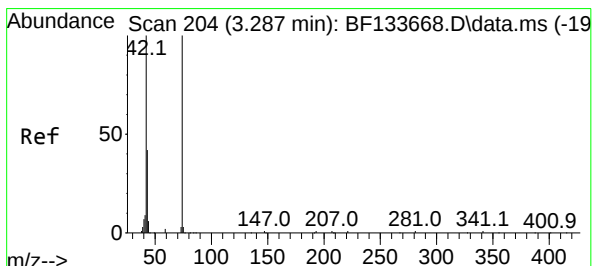
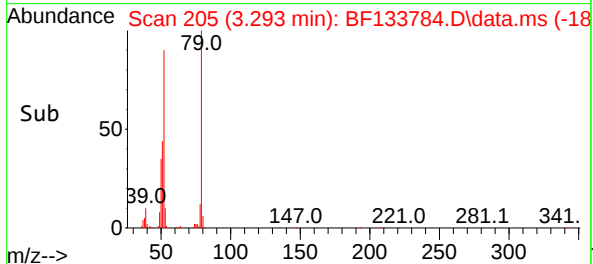
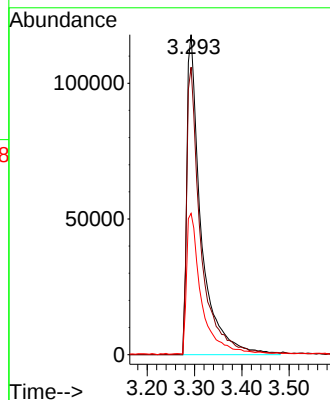
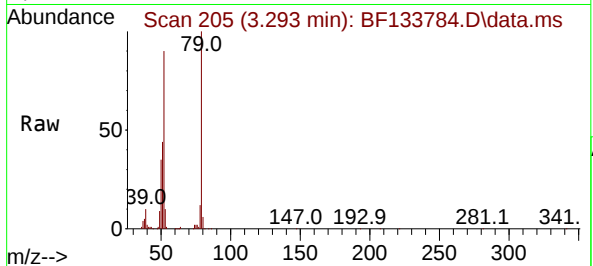




#3
Pyridine
Concen: 34.708 ng
RT: 3.293 min Scan# 209
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

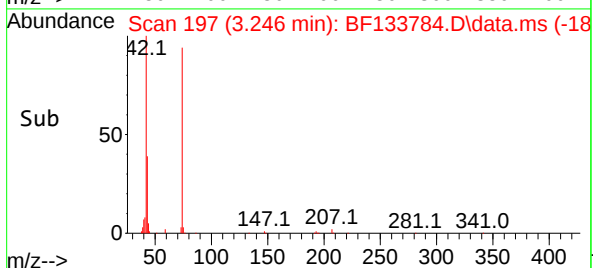
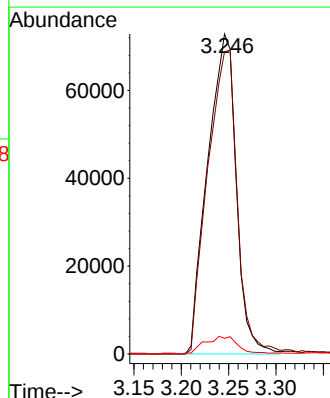
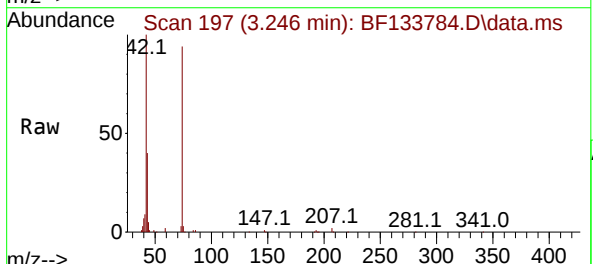
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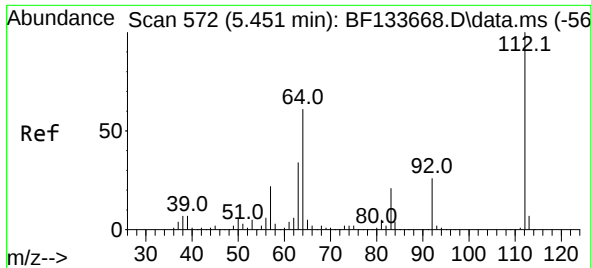
Tgt Ion: 79 Resp: 246130
Ion Ratio Lower Upper
79 100
52 89.8 68.6 102.8
51 44.1 34.8 52.2



#4
n-Nitrosodimethylamine
Concen: 39.150 ng
RT: 3.246 min Scan# 197
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion: 42 Resp: 153464
Ion Ratio Lower Upper
42 100
74 94.4 79.8 119.8
44 4.9 4.7 7.1

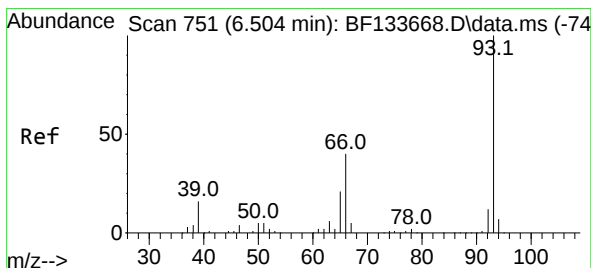
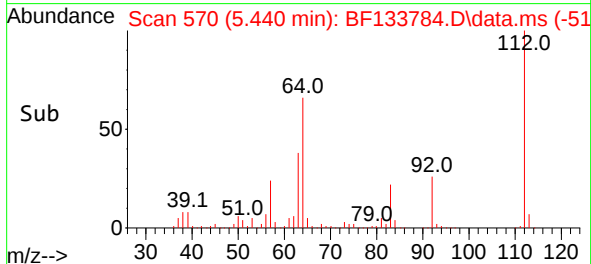
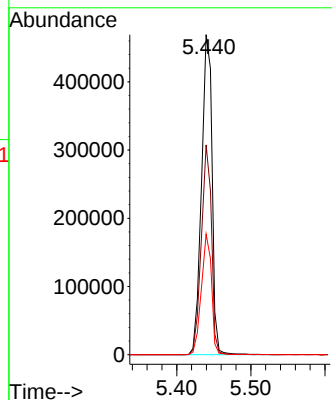
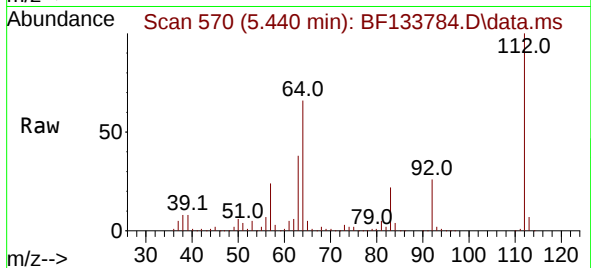




#5
2-Fluorophenol
Concen: 83.920 ng
RT: 5.440 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

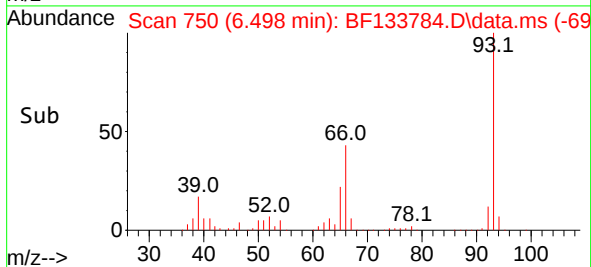
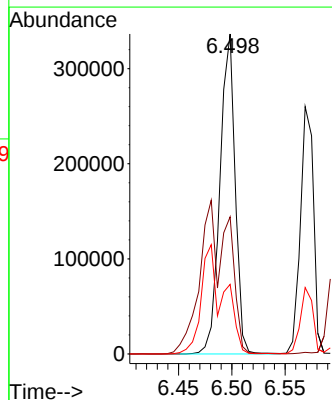
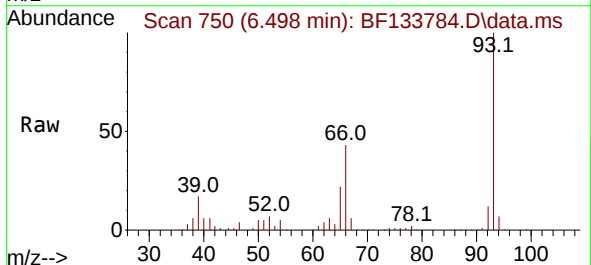
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Tgt Ion:112 Resp: 464415
Ion Ratio Lower Upper
112 100
64 65.6 49.0 73.4
63 37.7 26.8 40.2



#6
Aniline
Concen: 36.739 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion: 93 Resp: 333327
Ion Ratio Lower Upper
93 100
66 42.8 34.4 51.6
65 21.8 17.5 26.3

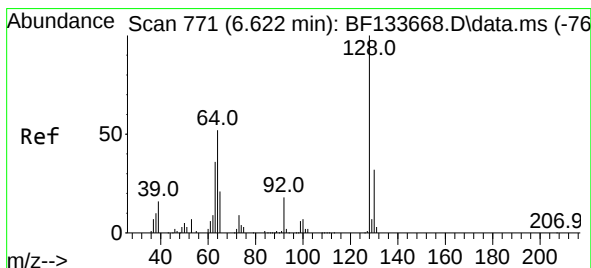
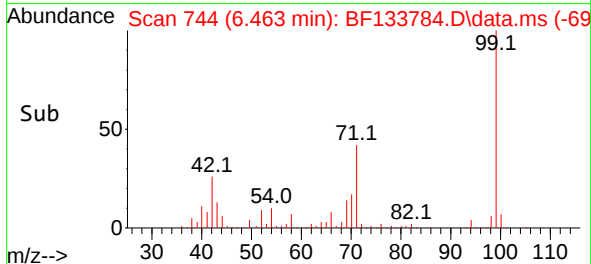
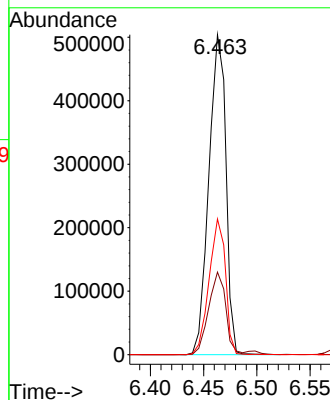
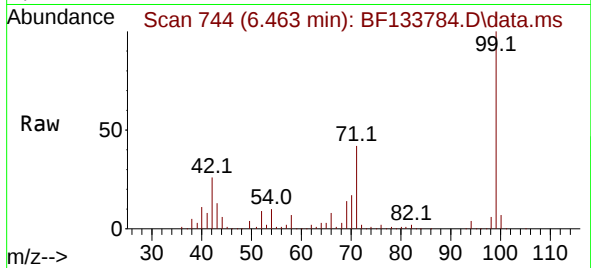




#7
Phenol-d6
Concen: 78.125 ng
RT: 6.463 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

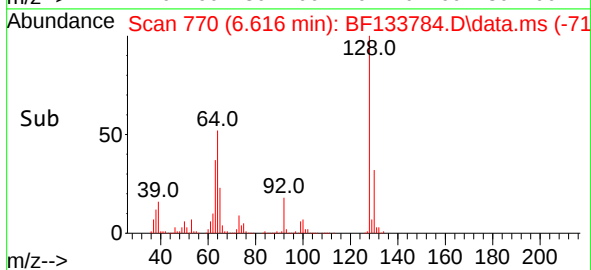
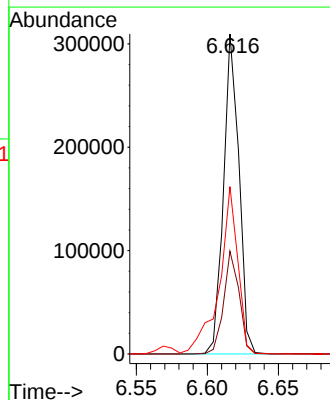
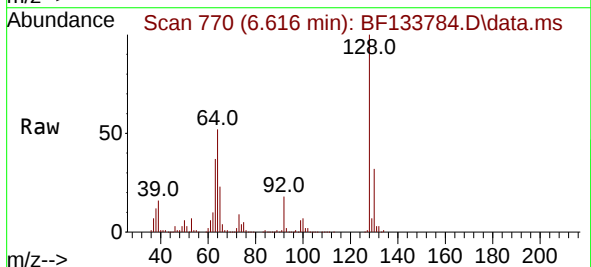
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Tgt Ion: 99 Resp: 562768
Ion Ratio Lower Upper
99 100
42 25.8 19.9 29.9
71 42.4 32.2 48.4



#8
2-Chlorophenol
Concen: 39.947 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion: 128 Resp: 232972
Ion Ratio Lower Upper
128 100
130 32.1 12.3 52.3
64 52.3 33.1 73.1

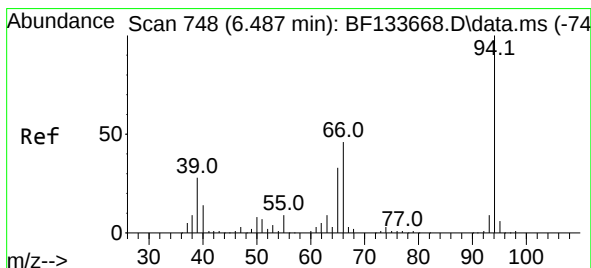
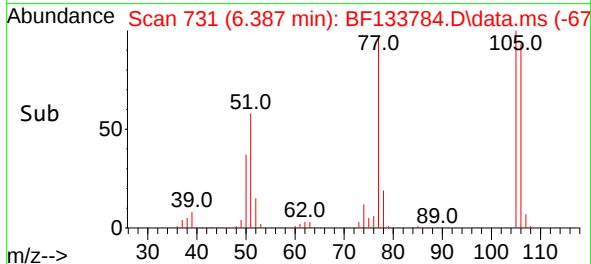
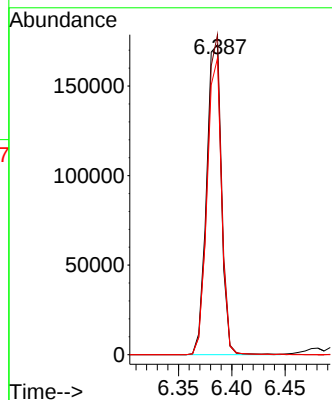
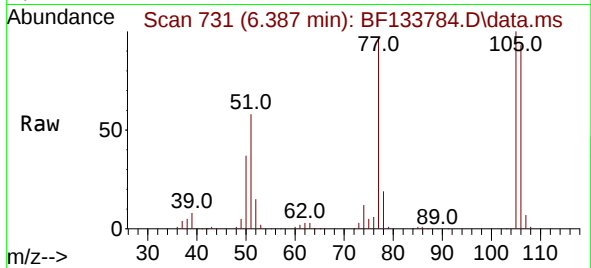




#9
Benzaldehyde
Concen: 35.408 ng
RT: 6.387 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

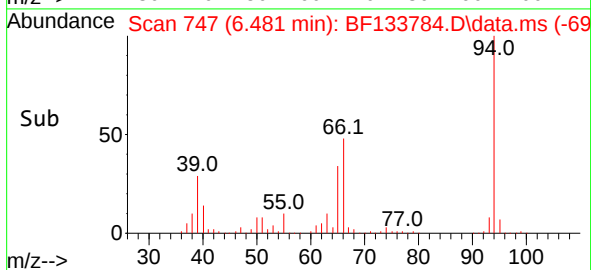
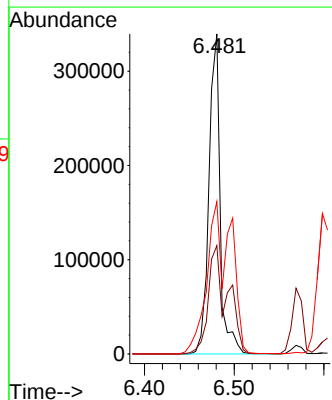
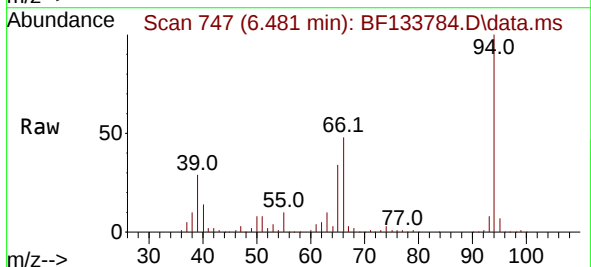
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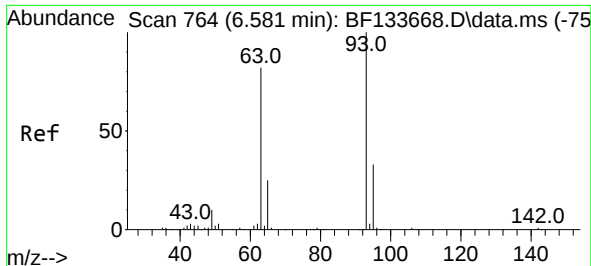
Tgt Ion: 77 Resp: 169221
Ion Ratio Lower Upper
77 100
105 103.2 82.0 122.0
106 95.6 77.6 117.6



#10
Phenol
Concen: 39.156 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion: 94 Resp: 294522
Ion Ratio Lower Upper
94 100
65 33.9 13.2 53.2
66 47.6 26.1 66.1

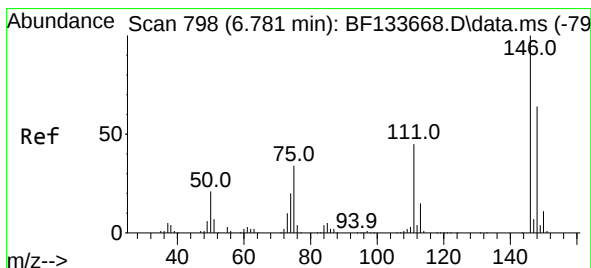
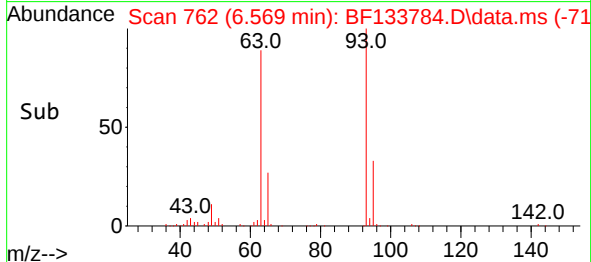
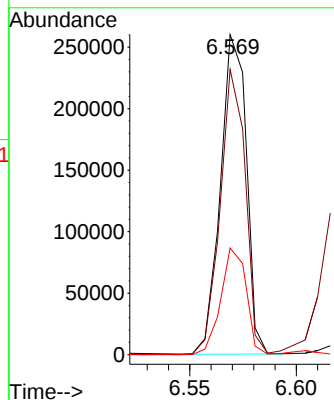
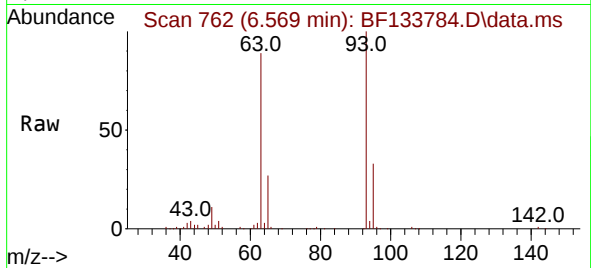




#11
bis(2-Chloroethyl)ether
Concen: 39.402 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

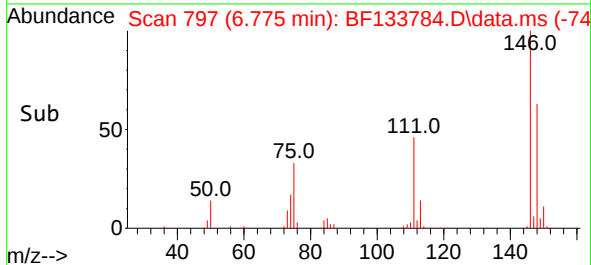
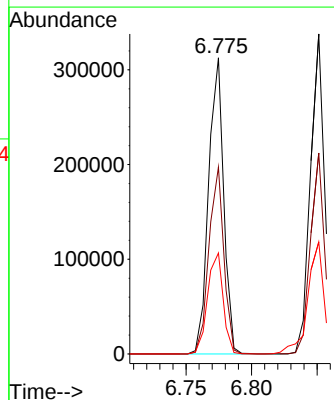
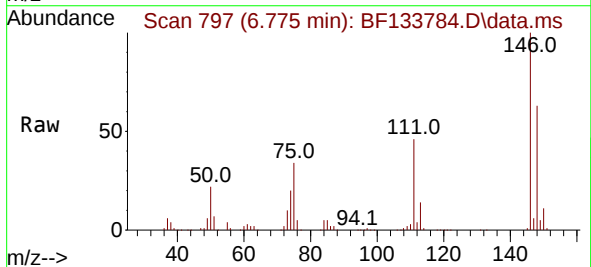
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

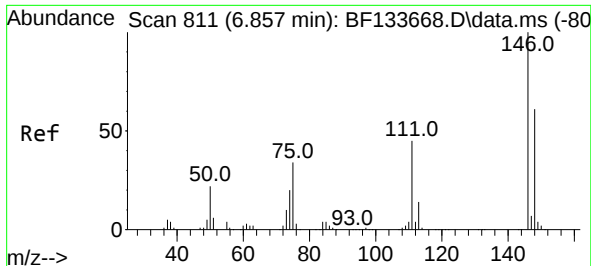
Tgt Ion: 93 Resp: 220026
Ion Ratio Lower Upper
93 100
63 89.1 62.1 102.1
95 33.3 13.0 53.0



#12
1,3-Dichlorobenzene
Concen: 40.232 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion: 146 Resp: 250693
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
75 34.1 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 40.182 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

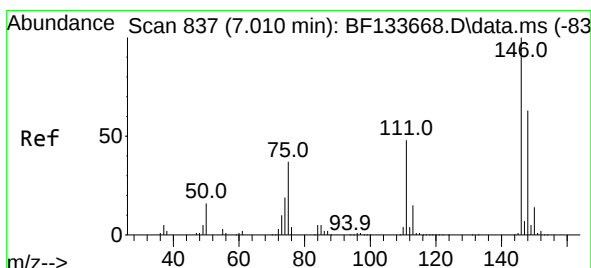
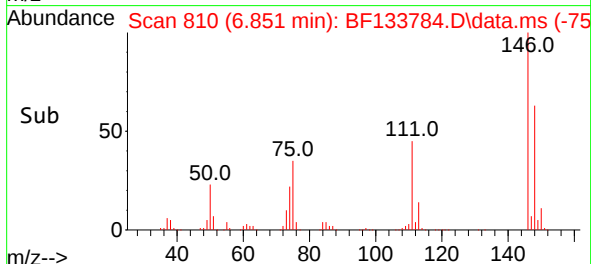
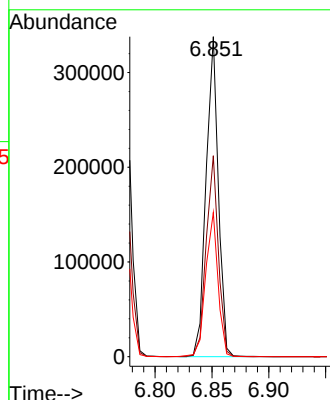
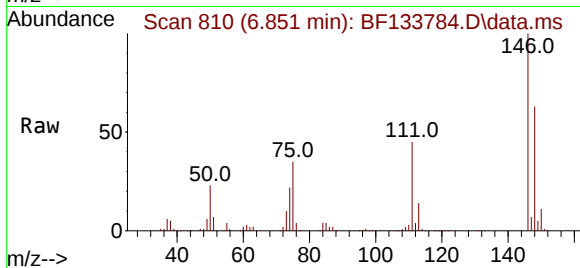
Tgt Ion:146 Resp: 253062

Ion Ratio Lower Upper

146 100

148 62.8 48.9 73.3

111 45.0 35.8 53.6



#14

1,2-Dichlorobenzene

Concen: 41.308 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

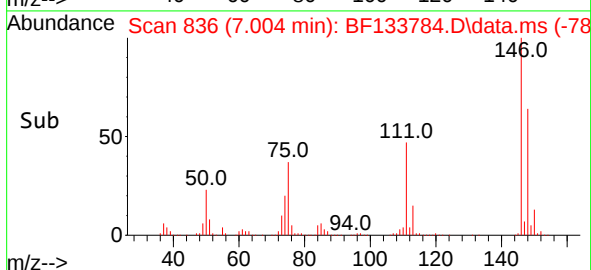
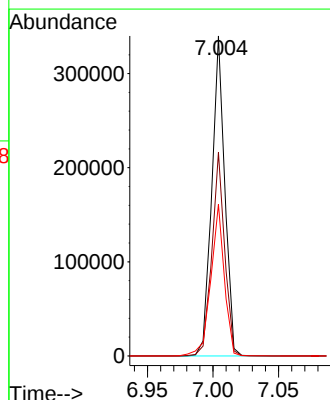
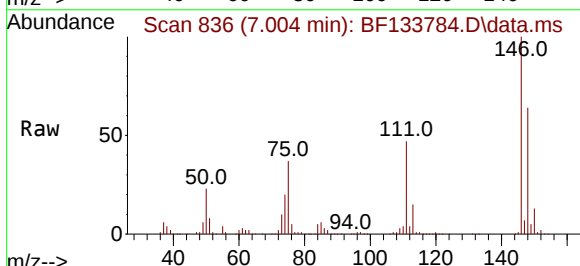
Tgt Ion:146 Resp: 235075

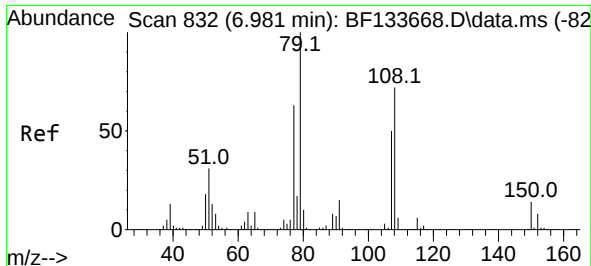
Ion Ratio Lower Upper

146 100

148 63.6 50.6 75.8

111 47.4 38.7 58.1

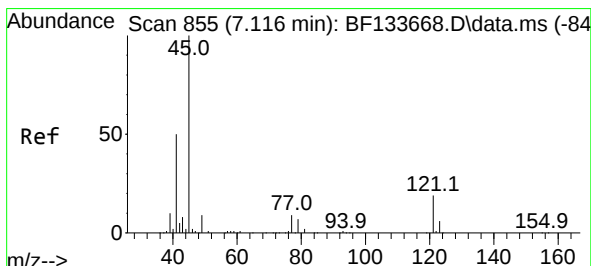
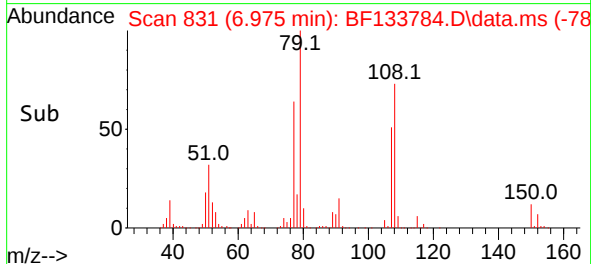
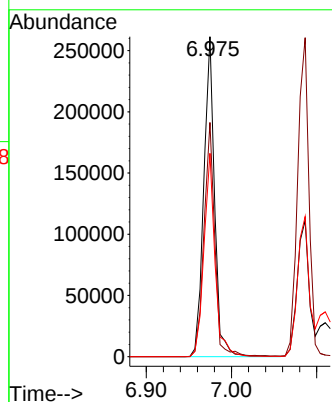
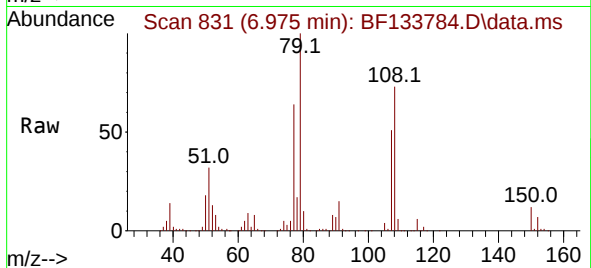




#15
Benzyl Alcohol
Concen: 41.065 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

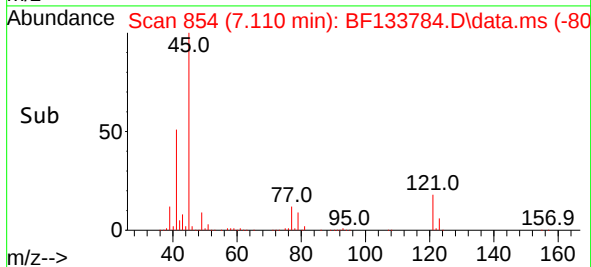
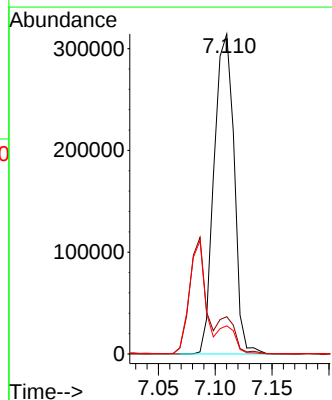
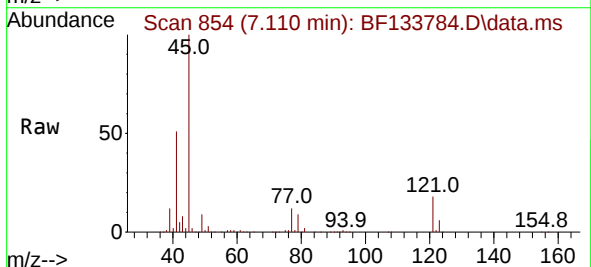
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

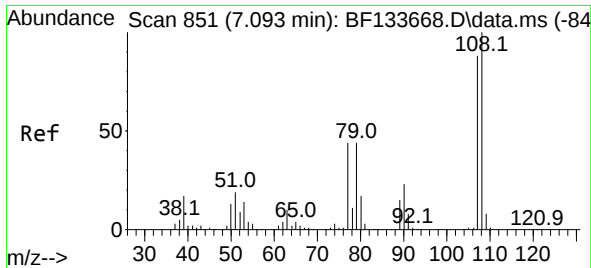
Tgt Ion: 79 Resp: 231038
Ion Ratio Lower Upper
79 100
108 73.2 57.9 86.9
77 63.6 50.4 75.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.607 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion: 45 Resp: 384383
Ion Ratio Lower Upper
45 100
77 11.7 0.0 32.3
79 8.8 0.0 29.4



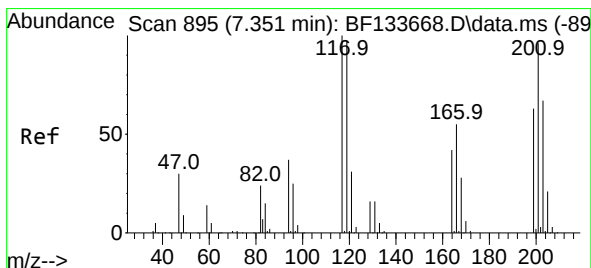
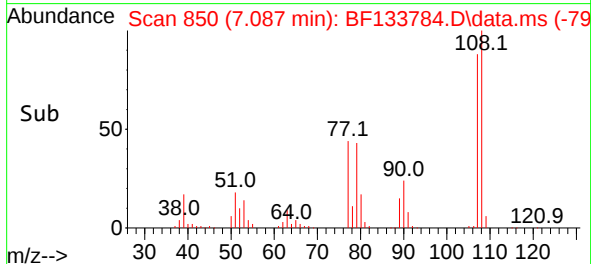
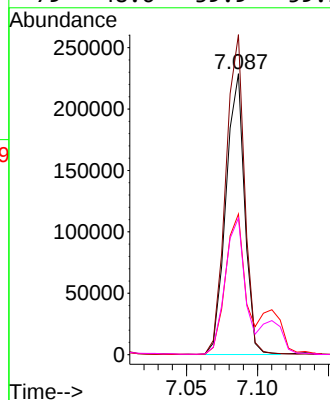
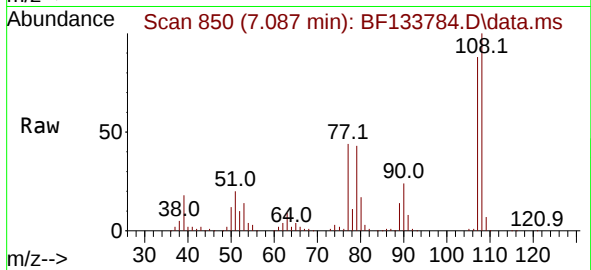


#17
2-Methylphenol
Concen: 40.473 ng
RT: 7.087 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 209212

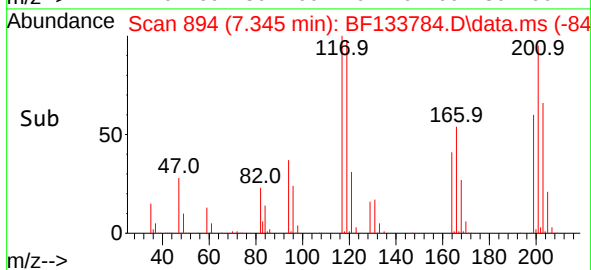
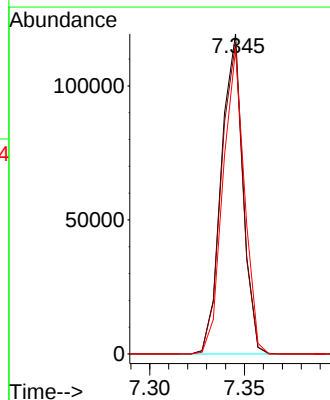
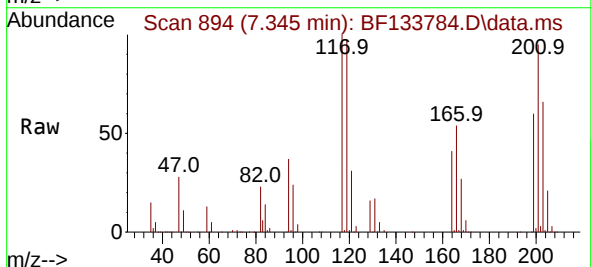
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.9	136.3
77	50.1	39.8	59.6
79	48.6	39.9	59.9



#18
Hexachloroethane
Concen: 44.041 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion:117 Resp: 94956

Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.3	115.9
201	95.2	76.8	115.2



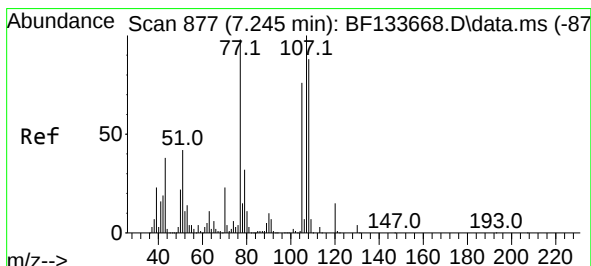
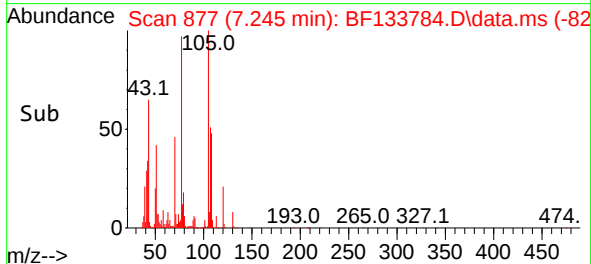
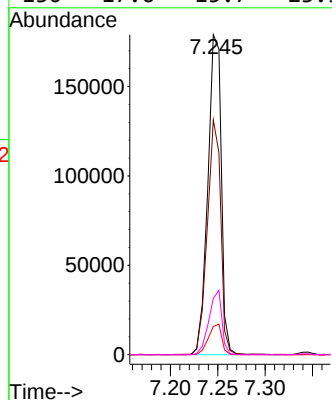
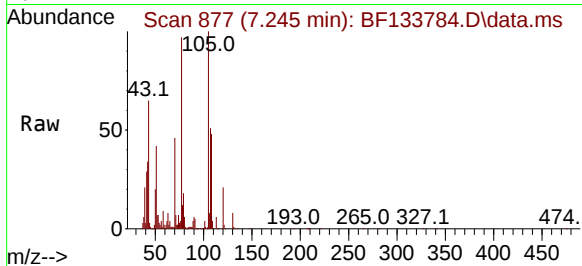


#19
n-Nitroso-di-n-propylamine
Concen: 38.585 ng
RT: 7.245 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 176840

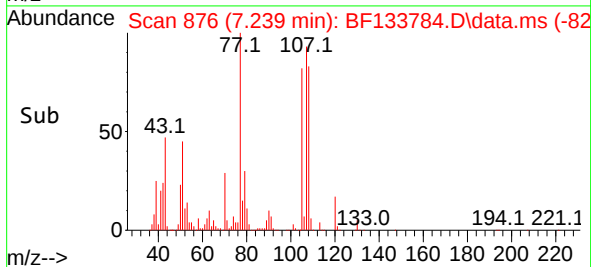
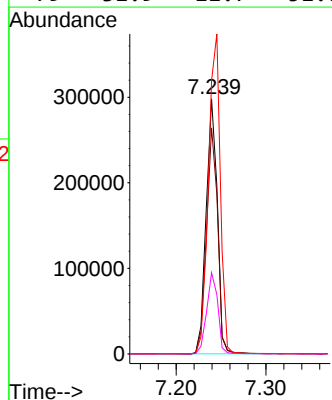
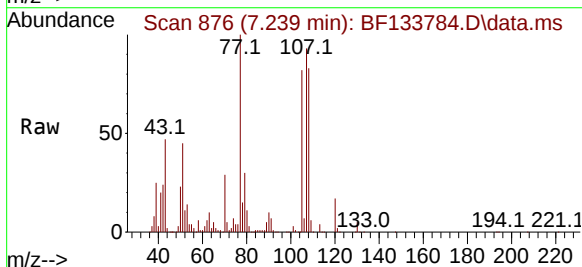
Ion	Ratio	Lower	Upper
70	100		
42	73.4	55.8	83.8
101	8.8	8.1	12.1
130	17.6	15.7	23.5

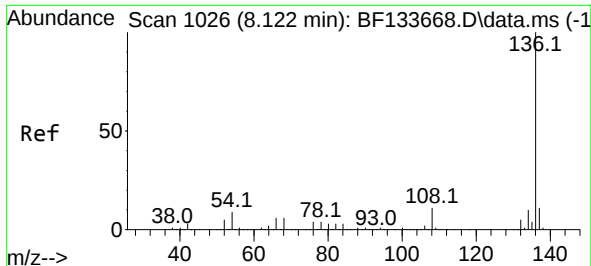


#20
3+4-Methylphenols
Concen: 38.218 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion: 107 Resp: 256994

Ion	Ratio	Lower	Upper
107	100		
108	88.7	67.9	107.9
77	107.2	77.7	117.7
79	31.9	11.7	51.7

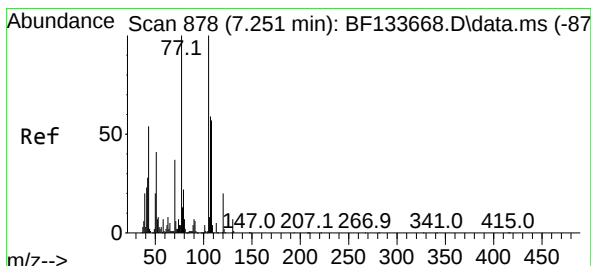
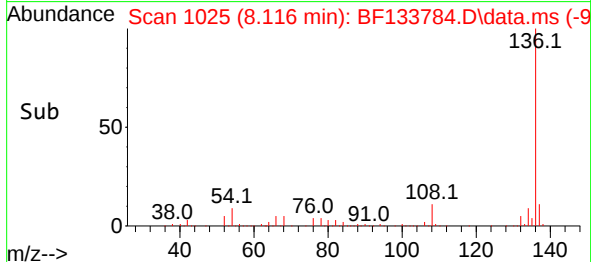
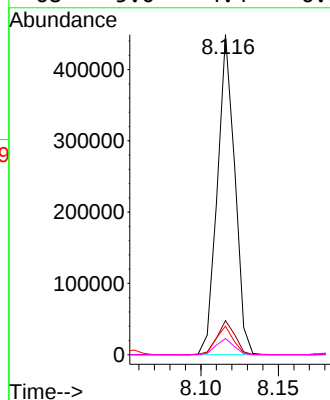
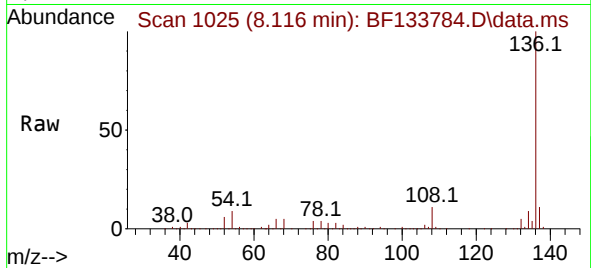




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

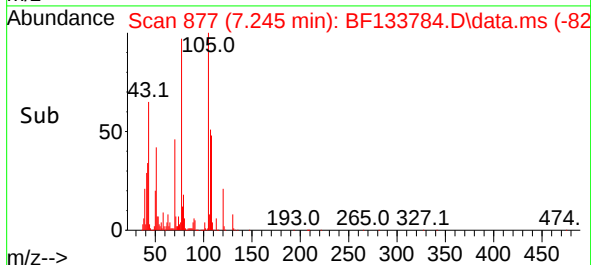
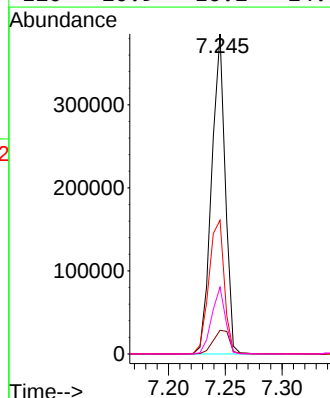
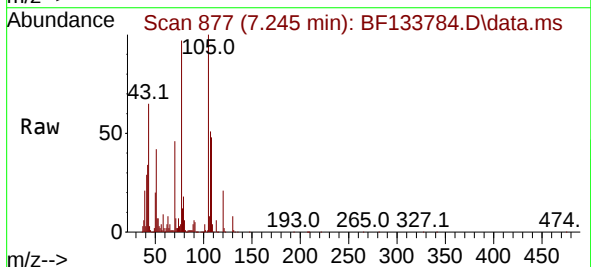
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

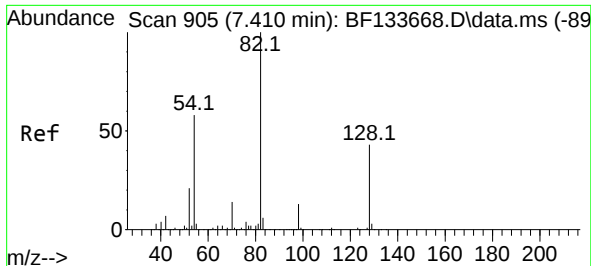
Tgt Ion:136 Resp: 350932
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.9 7.4 11.0
68 5.0 4.4 6.6



#22
Acetophenone
Concen: 39.879 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion:105 Resp: 320980
Ion Ratio Lower Upper
105 100
71 7.4 4.8 7.2#
51 41.8 33.0 49.4
120 20.9 16.2 24.4





#23

Nitrobenzene-d5

Concen: 83.663 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

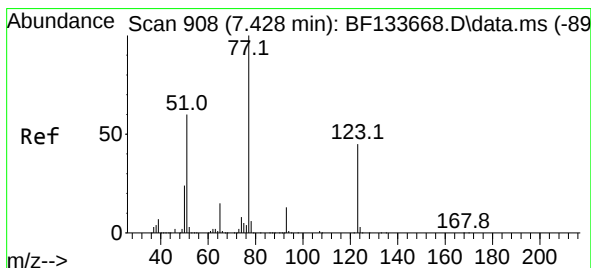
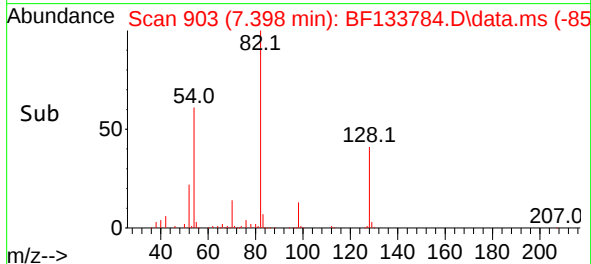
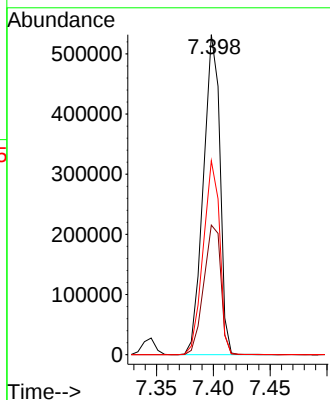
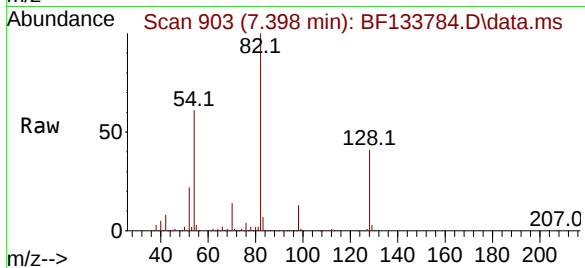
Tgt Ion: 82 Resp: 539043

Ion Ratio Lower Upper

82 100

128 40.5 34.2 51.2

54 60.6 46.5 69.7



#24

Nitrobenzene

Concen: 42.392 ng

RT: 7.416 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

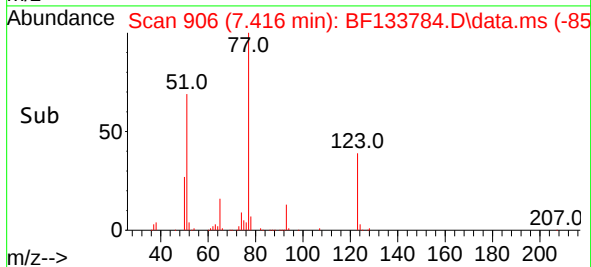
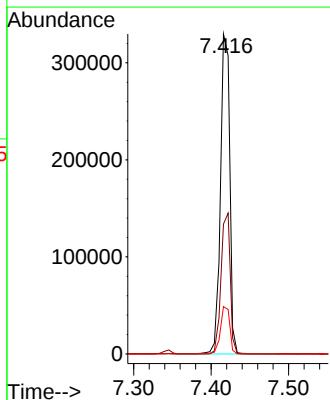
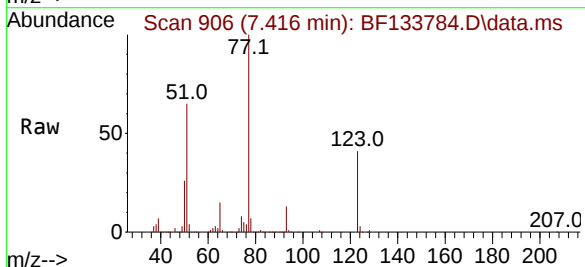
Tgt Ion: 77 Resp: 275031

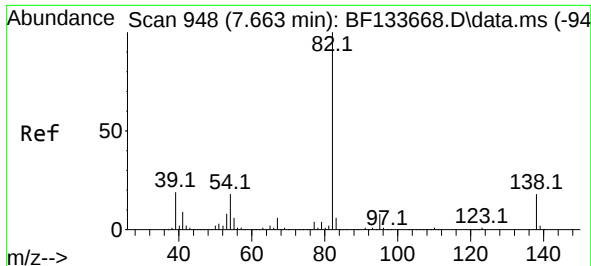
Ion Ratio Lower Upper

77 100

123 40.6 35.8 53.8

65 14.8 11.6 17.4

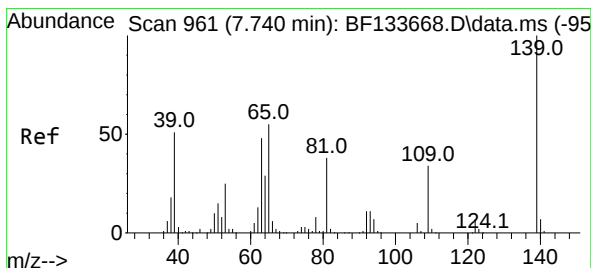
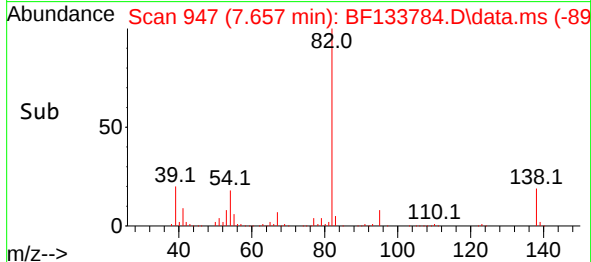
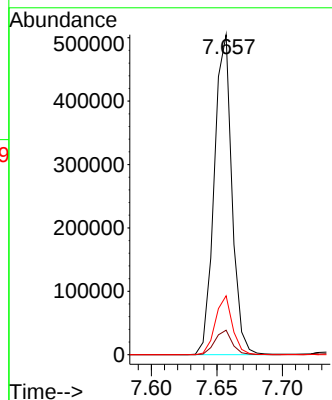
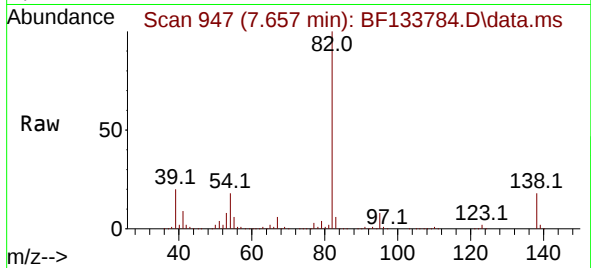




#25
Isophorone
Concen: 39.970 ng
RT: 7.657 min Scan# 94
Delta R.T. 0.006 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

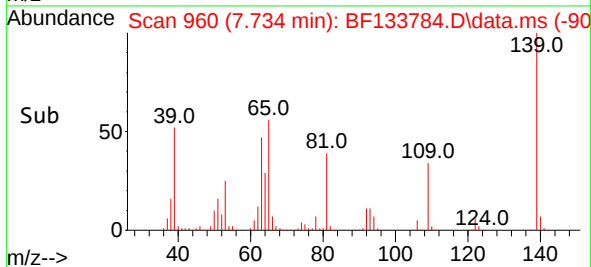
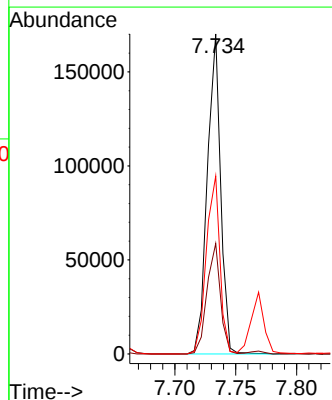
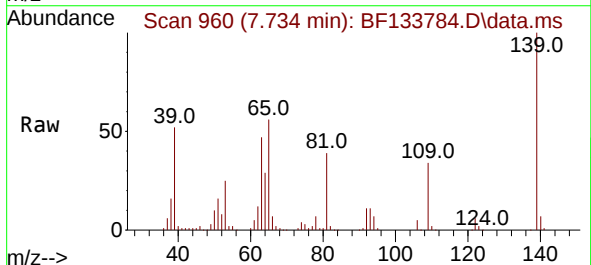
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

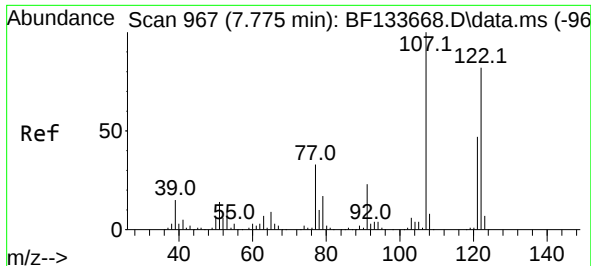
Tgt Ion: 82 Resp: 472788
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 18.4 14.2 21.2



#26
2-Nitrophenol
Concen: 44.268 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion: 139 Resp: 128891
Ion Ratio Lower Upper
139 100
109 34.5 27.0 40.6
65 55.6 44.2 66.4

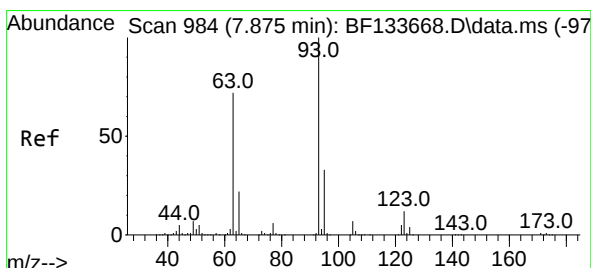
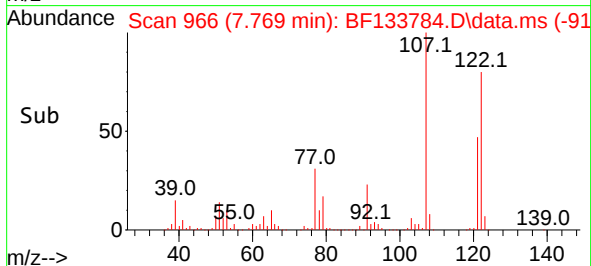
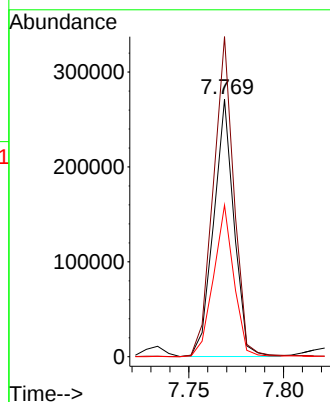
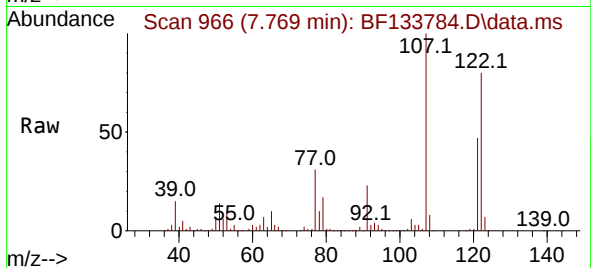




#27
2,4-Dimethylphenol
Concen: 40.437 ng
RT: 7.769 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

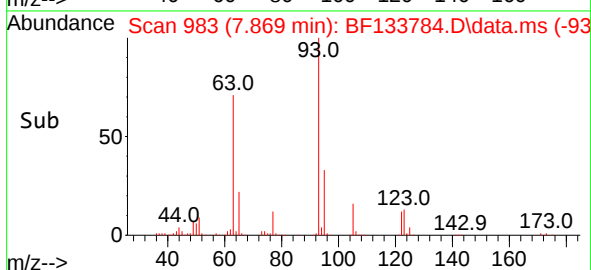
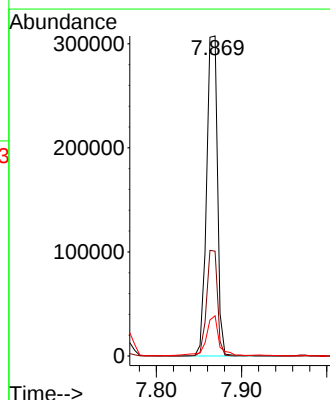
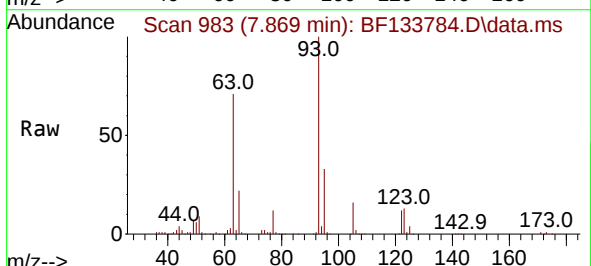
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

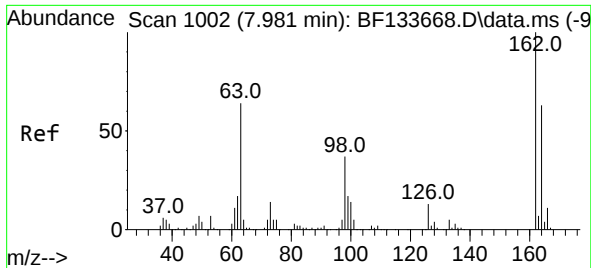
Tgt Ion:122 Resp: 202934
Ion Ratio Lower Upper
122 100
107 124.3 97.8 146.6
121 58.9 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 39.757 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.006 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion: 93 Resp: 271799
Ion Ratio Lower Upper
93 100
95 32.8 26.4 39.6
123 12.5 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.119 ng

RT: 7.975 min Scan# 1001

Delta R.T. 0.006 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

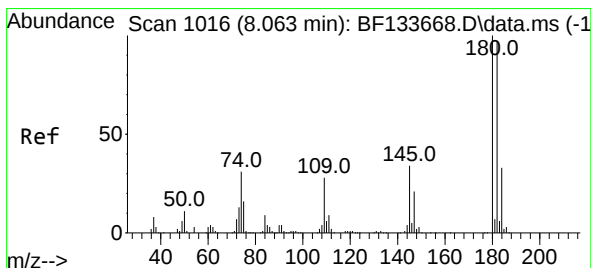
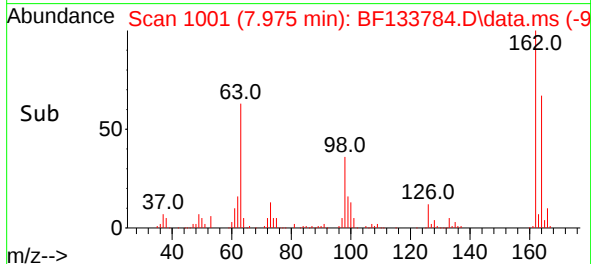
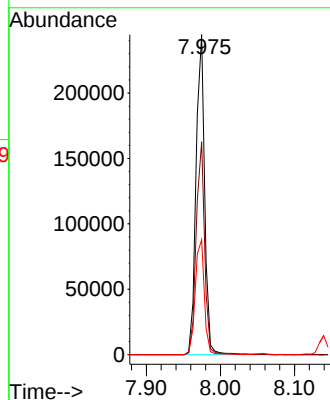
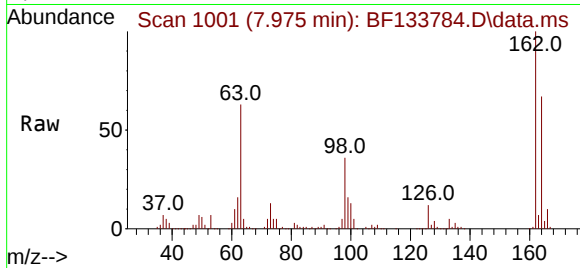
Tgt Ion:162 Resp: 197325

Ion Ratio Lower Upper

162 100

164 66.5 43.4 83.4

98 35.9 17.4 57.4



#30

1,2,4-Trichlorobenzene

Concen: 40.808 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

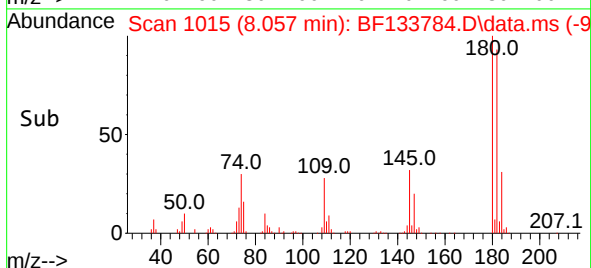
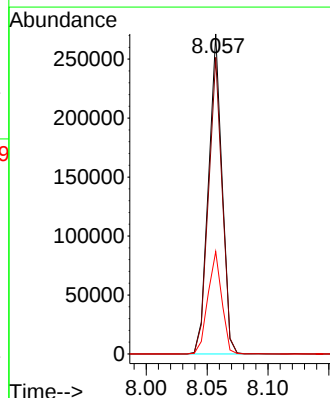
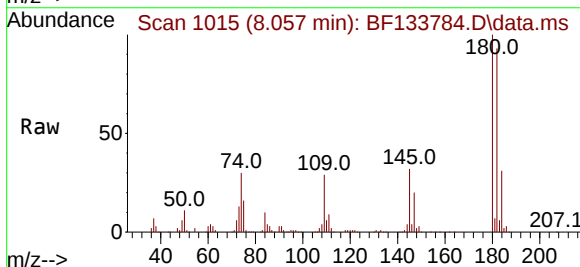
Tgt Ion:180 Resp: 209413

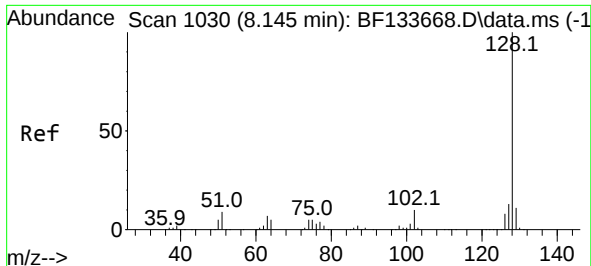
Ion Ratio Lower Upper

180 100

182 92.7 77.8 116.8

145 32.0 27.0 40.4

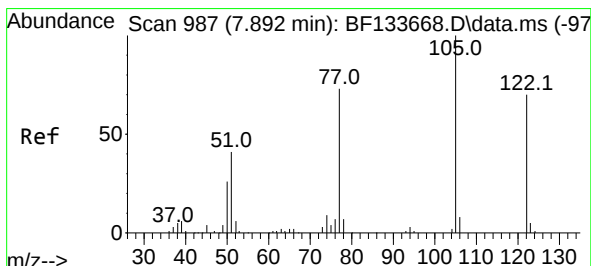
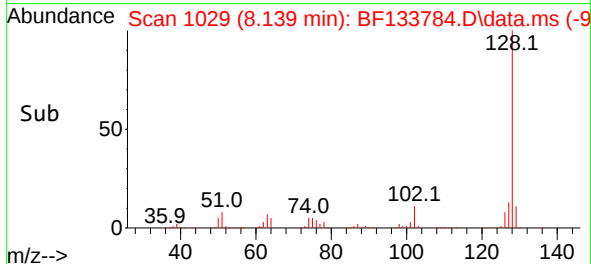
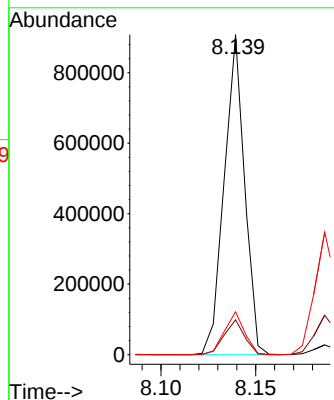
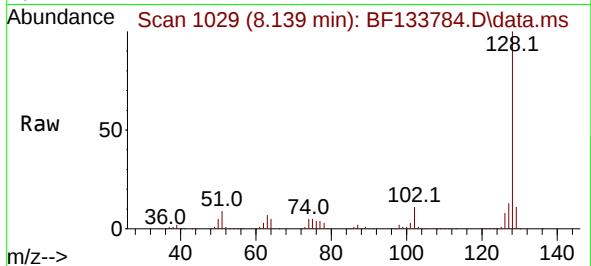




#31
Naphthalene
Concen: 39.839 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

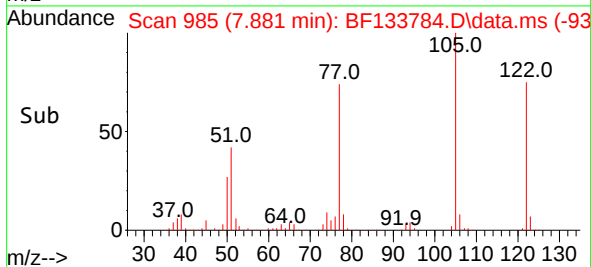
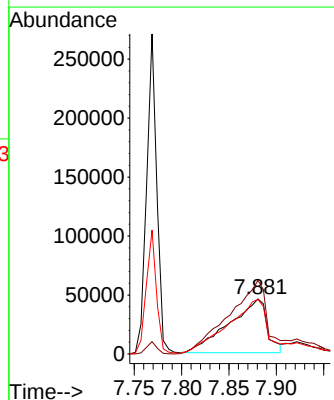
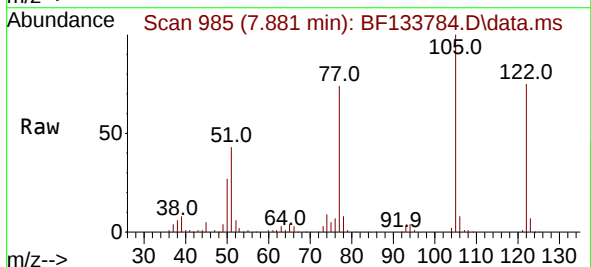
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

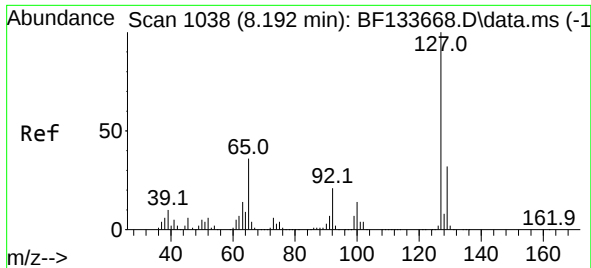
Tgt Ion:128 Resp: 681149
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.4 10.5 15.7



#32
Benzoic acid
Concen: 40.396 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion:122 Resp: 127856
Ion Ratio Lower Upper
122 100
105 133.7 116.3 156.3
77 99.2 82.4 122.4

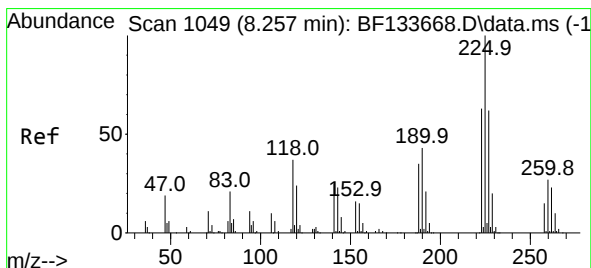
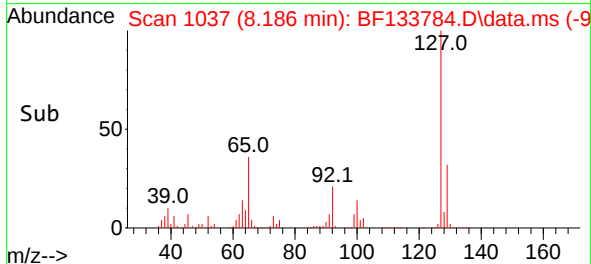
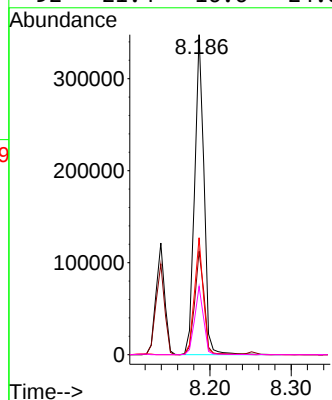
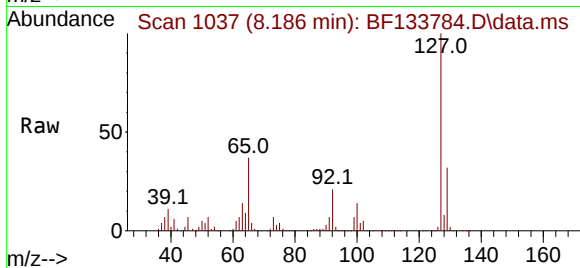




#33
4-Chloroaniline
Concen: 38.389 ng
RT: 8.186 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

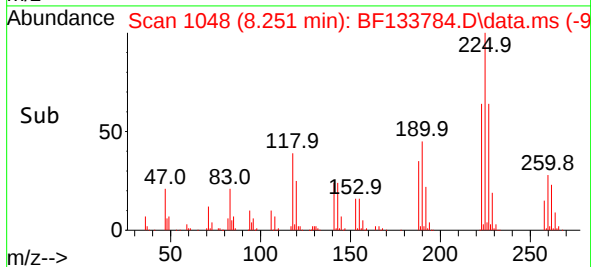
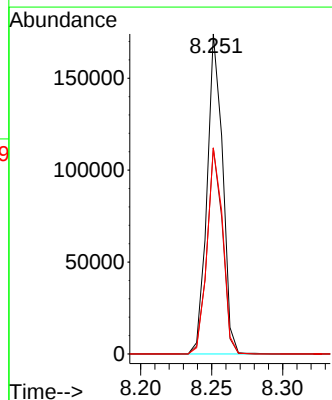
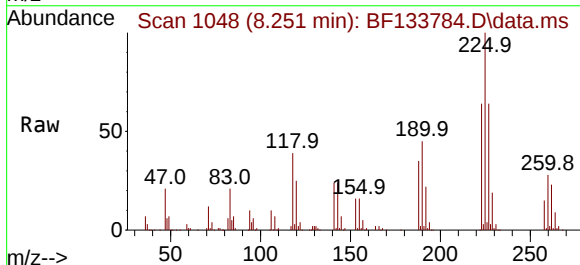
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	280643
Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.6	38.4
65	36.5	28.9	43.3
92	21.4	16.6	24.8



#34
Hexachlorobutadiene
Concen: 39.587 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion:	225	Resp:	133005
Ion	Ratio	Lower	Upper
225	100		
223	64.4	50.2	75.4
227	64.4	49.5	74.3

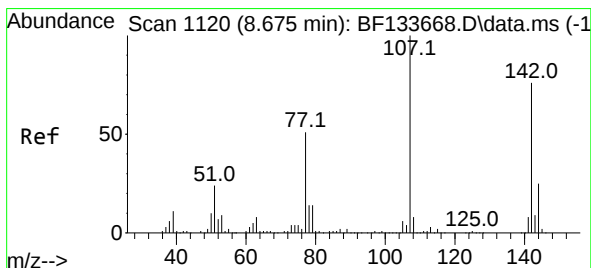
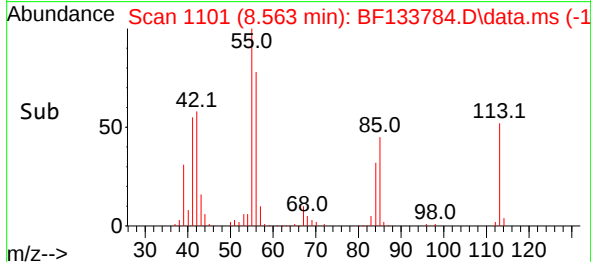
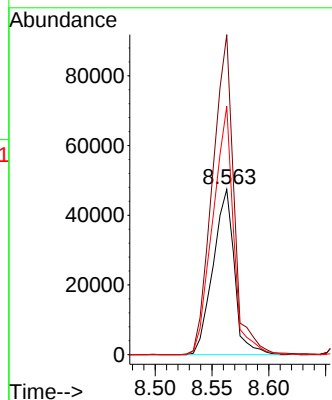
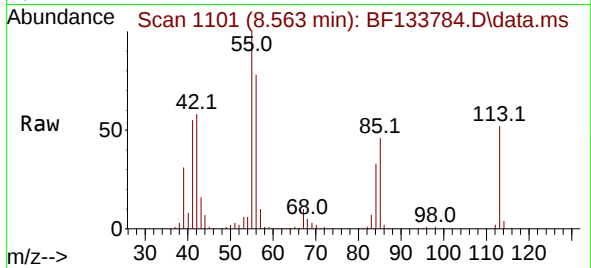




#35
 Caprolactam
 Concen: 37.427 ng
 RT: 8.563 min Scan# 1118
 Delta R.T. -0.000 min
 Lab File: BF133784.D
 Acq: 15 Jun 2023 20:13

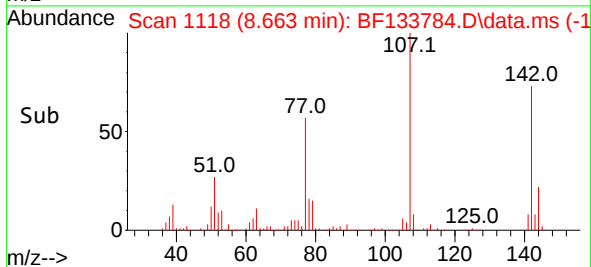
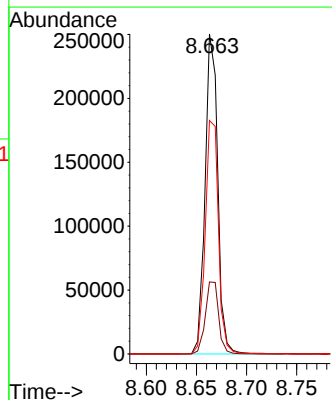
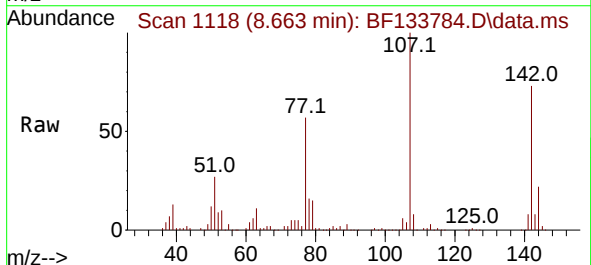
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

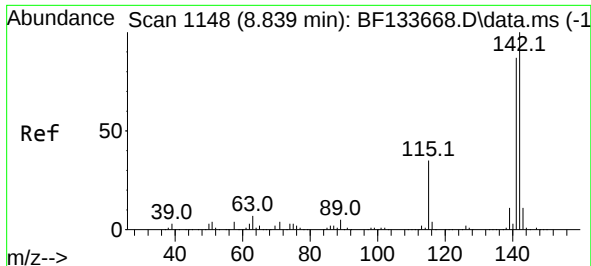
Tgt Ion:113 Resp: 61944
 Ion Ratio Lower Upper
 113 100
 55 193.6 173.3 213.3
 56 150.2 120.5 160.5



#36
 4-Chloro-3-methylphenol
 Concen: 38.966 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. -0.000 min
 Lab File: BF133784.D
 Acq: 15 Jun 2023 20:13

Tgt Ion:107 Resp: 220914
 Ion Ratio Lower Upper
 107 100
 144 22.5 19.7 29.5
 142 72.9 61.1 91.7

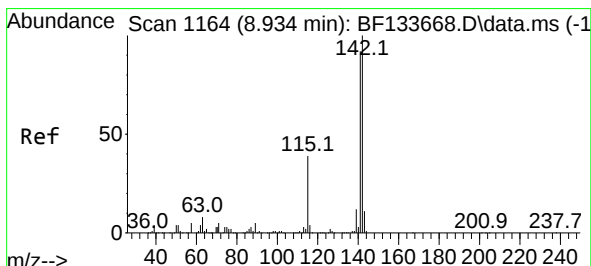
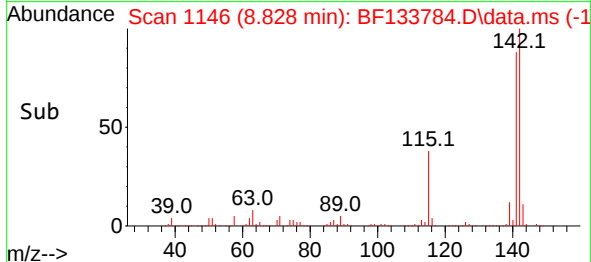
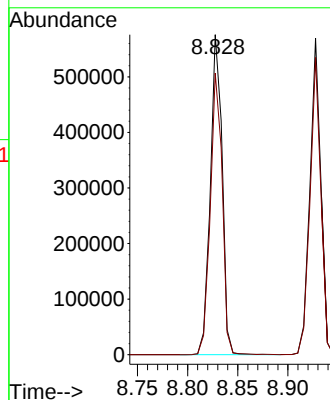
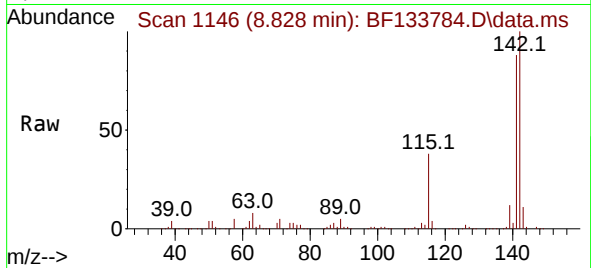




#37
2-Methylnaphthalene
Concen: 39.930 ng
RT: 8.828 min Scan# 1146
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

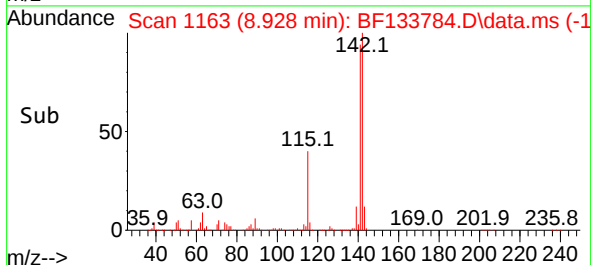
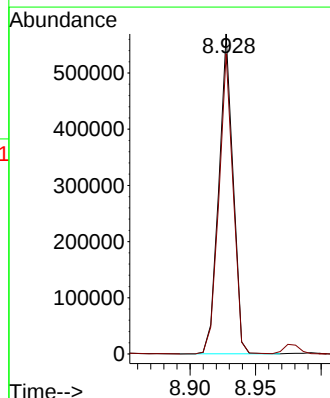
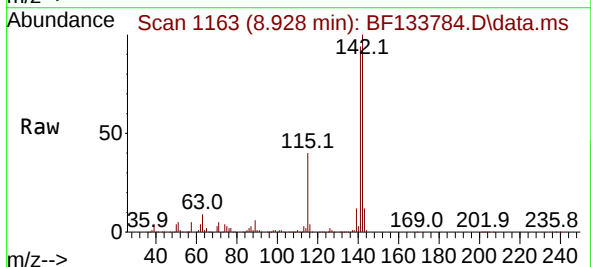
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

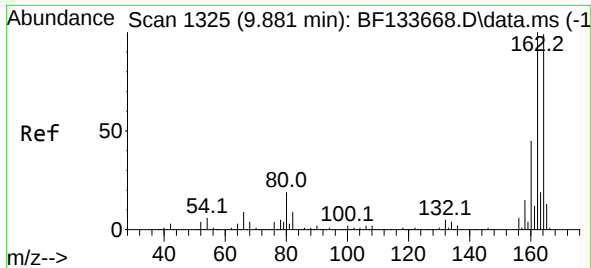
Tgt Ion:142 Resp: 474352
Ion Ratio Lower Upper
142 100
141 88.0 69.8 104.8



#38
1-Methylnaphthalene
Concen: 39.387 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion:142 Resp: 430556
Ion Ratio Lower Upper
142 100
141 93.9 73.4 110.0

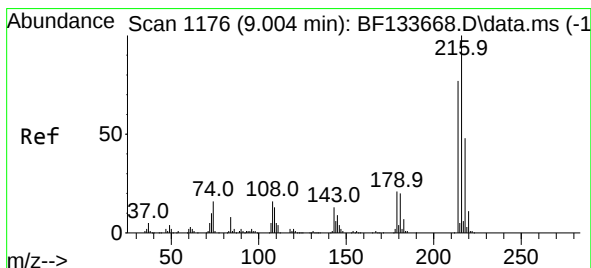
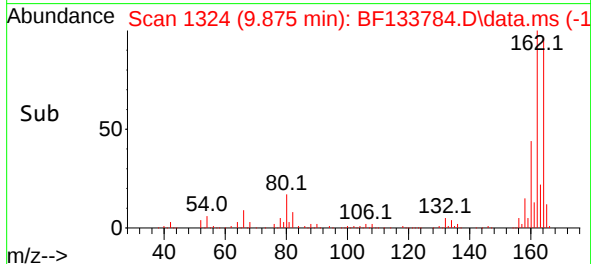
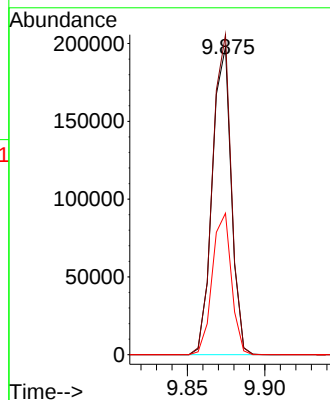
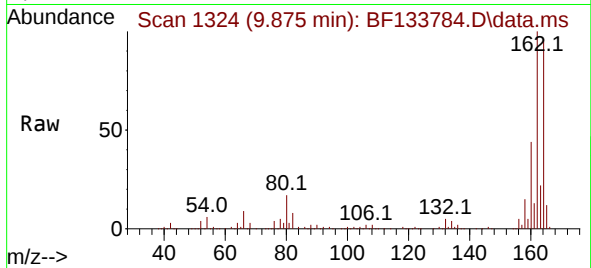




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1174
Delta R.T. 0.006 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

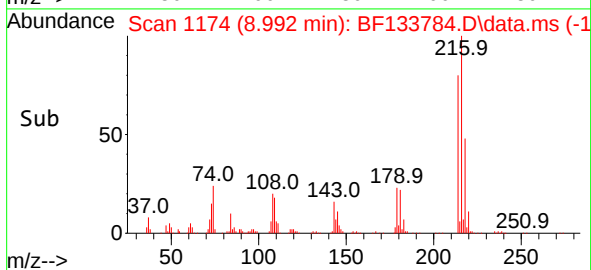
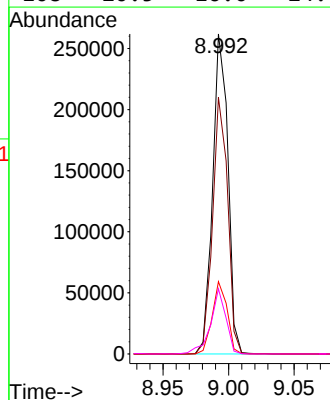
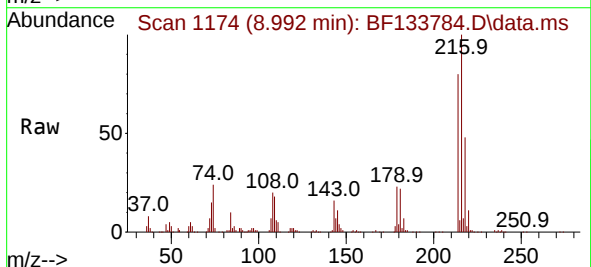
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 168838
Ion Ratio Lower Upper
164 100
162 103.9 80.8 121.2
160 45.9 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.280 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion:216 Resp: 211883
Ion Ratio Lower Upper
216 100
214 79.3 62.7 94.1
179 22.1 17.6 26.4
108 20.5 16.0 24.0

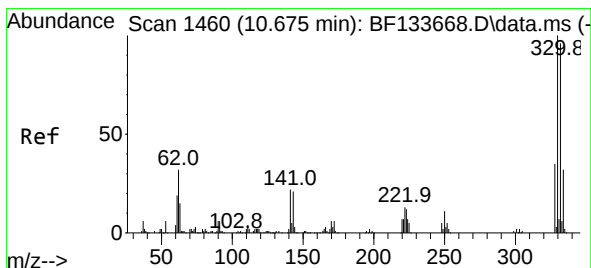
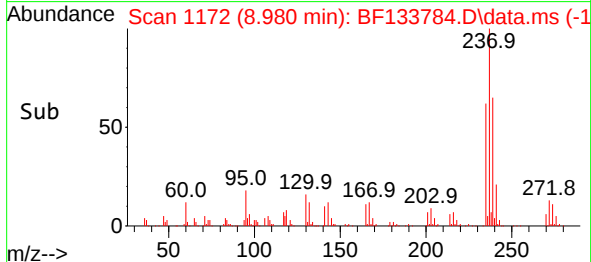
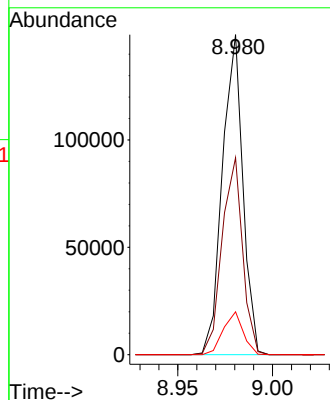
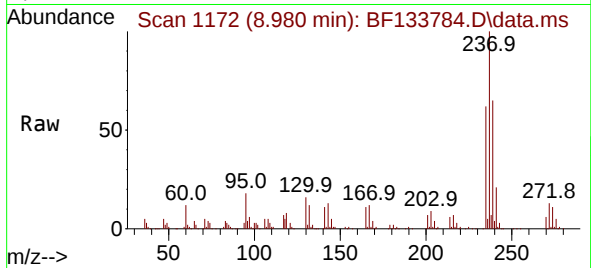




#41
Hexachlorocyclopentadiene
Concen: 48.985 ng
RT: 8.980 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

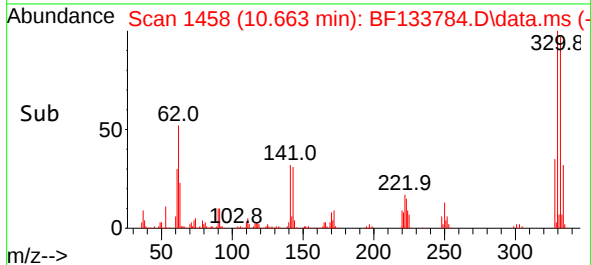
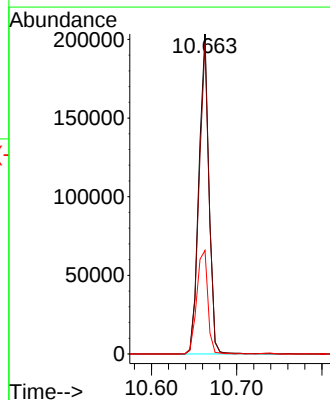
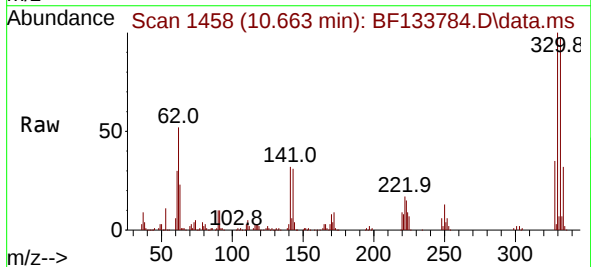
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 237 Resp: 112046
Ion Ratio Lower Upper
237 100
235 61.5 40.6 80.6
272 13.4 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 78.143 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion: 330 Resp: 167007
Ion Ratio Lower Upper
330 100
332 96.0 77.2 115.8
141 35.4 24.9 37.3

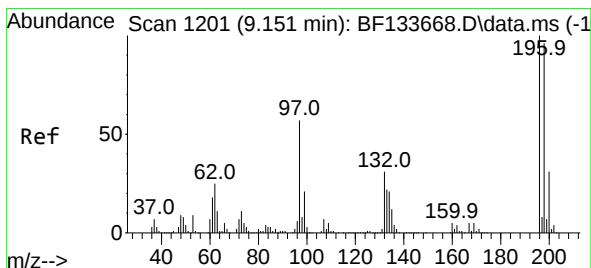
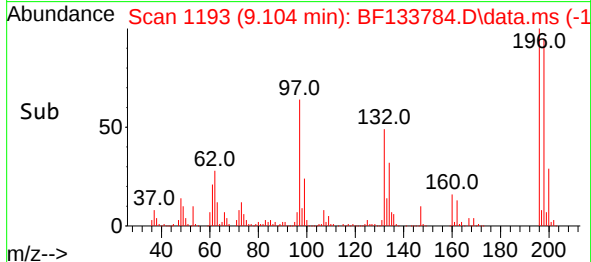
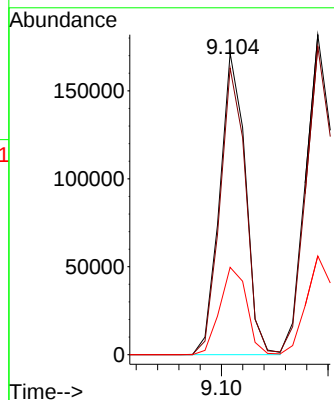
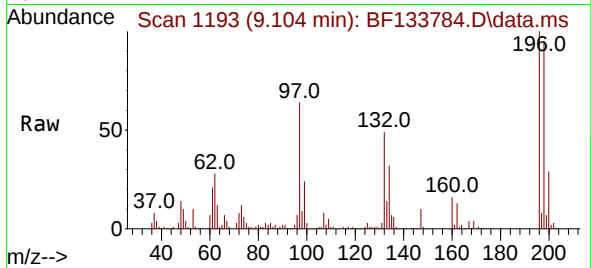




#43
2,4,6-Trichlorophenol
Concen: 42.018 ng
RT: 9.104 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

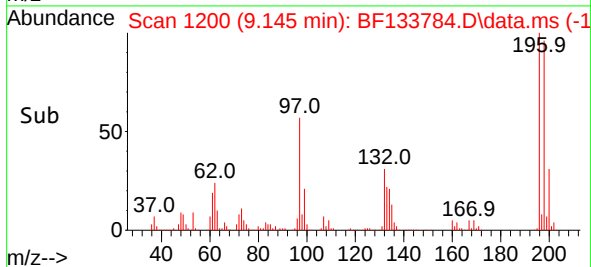
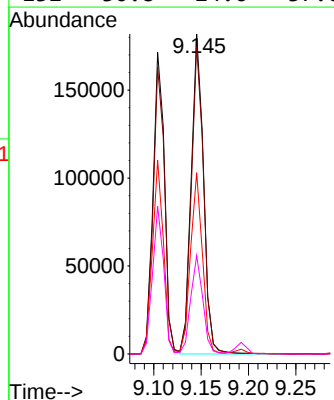
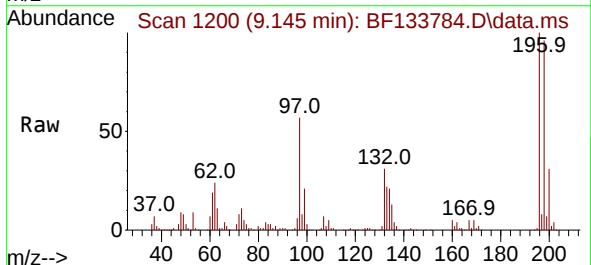
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

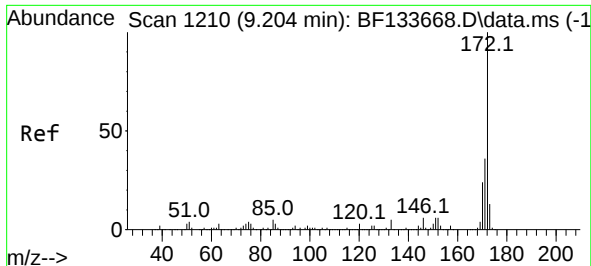
Tgt Ion:196 Resp: 144120
Ion Ratio Lower Upper
196 100
198 95.1 74.5 111.7
200 29.0 22.9 34.3



#44
2,4,5-Trichlorophenol
Concen: 41.567 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion:196 Resp: 165868
Ion Ratio Lower Upper
196 100
198 96.3 76.8 115.2
97 56.6 45.4 68.2
132 30.8 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 81.217 ng

RT: 9.192 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

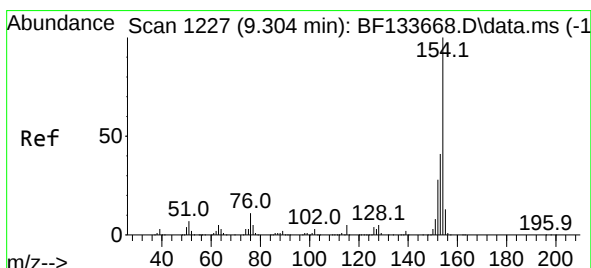
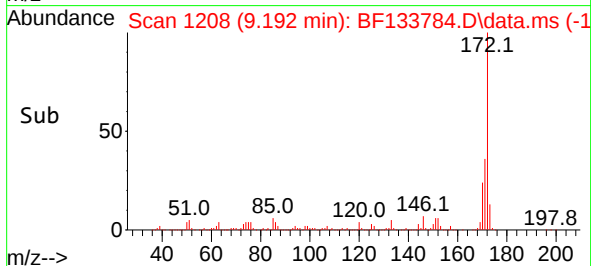
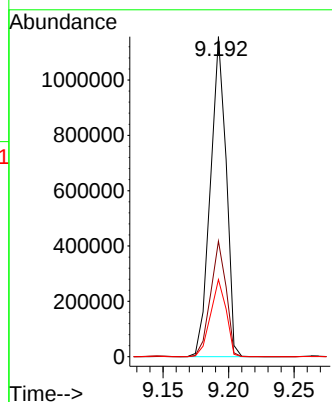
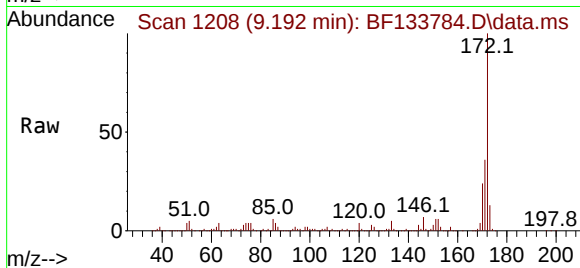
Tgt Ion:172 Resp: 964638

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 24.1 19.1 28.7



#46

1,1'-Biphenyl

Concen: 41.177 ng

RT: 9.292 min Scan# 1225

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

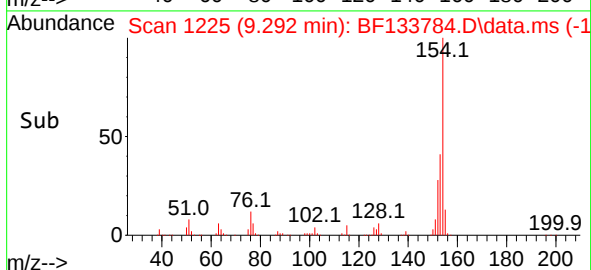
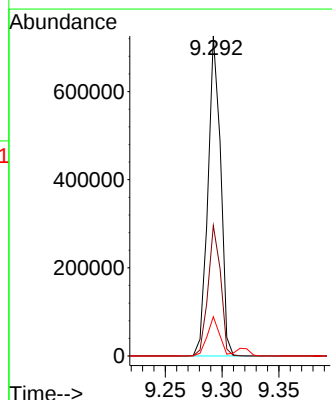
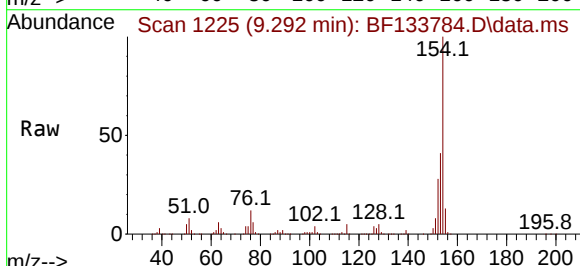
Tgt Ion:154 Resp: 560714

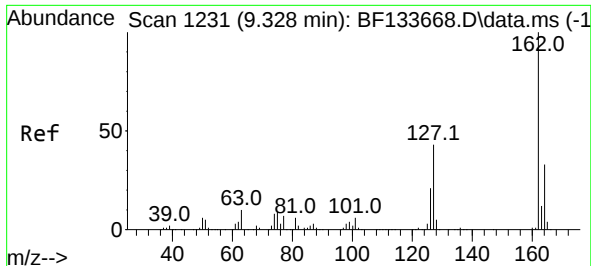
Ion Ratio Lower Upper

154 100

153 40.8 20.6 60.6

76 12.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 41.688 ng

RT: 9.322 min Scan# 1231

Delta R.T. 0.006 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

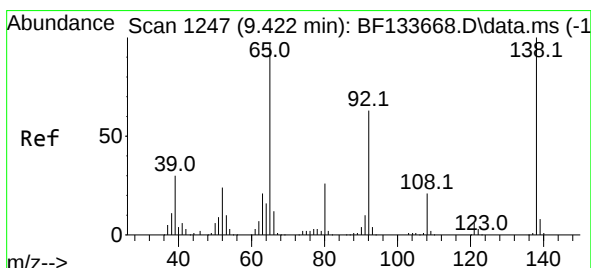
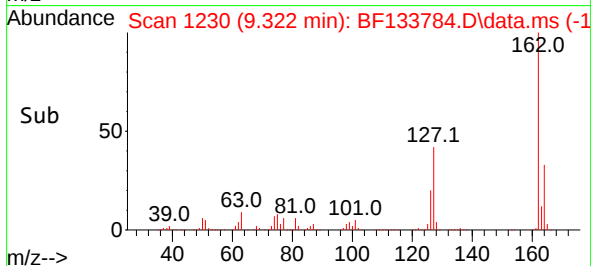
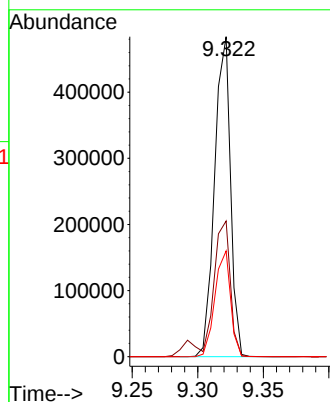
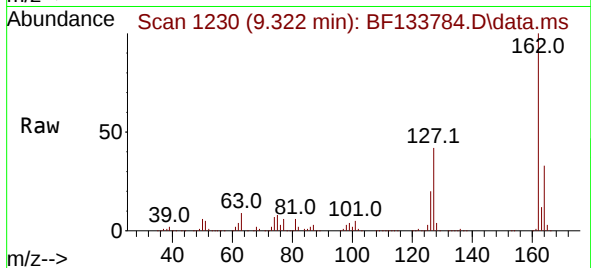
Tgt Ion:162 Resp: 407192

Ion Ratio Lower Upper

162 100

127 42.4 34.6 52.0

164 33.0 26.4 39.6



#48

2-Nitroaniline

Concen: 41.905 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

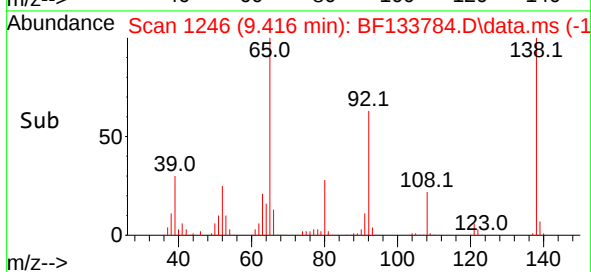
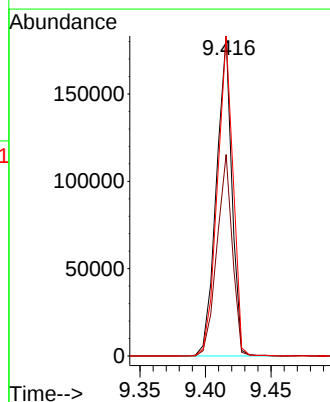
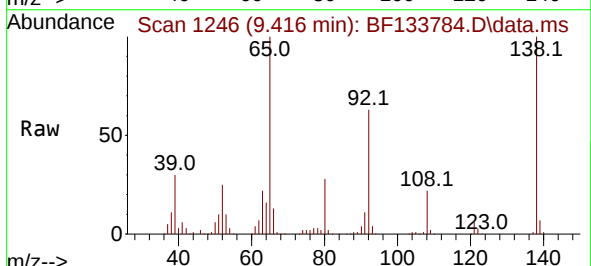
Tgt Ion: 65 Resp: 149697

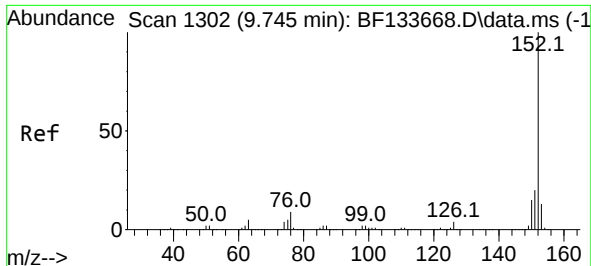
Ion Ratio Lower Upper

65 100

92 63.0 51.8 77.6

138 100.0 82.1 123.1





#49

Acenaphthylene

Concen: 41.179 ng

RT: 9.733 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

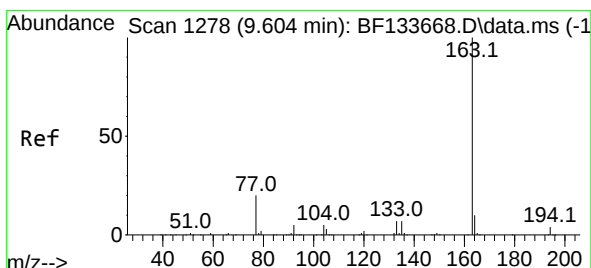
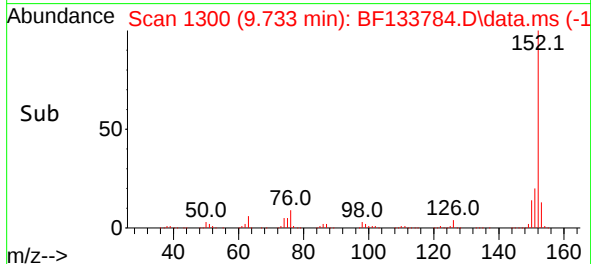
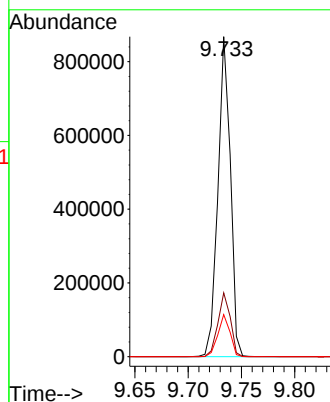
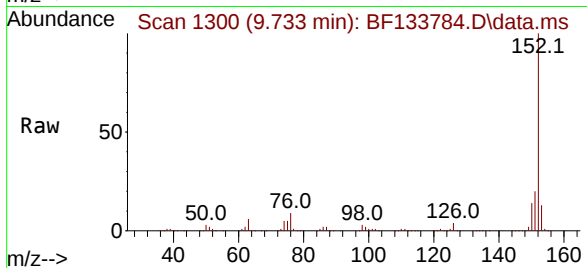
Tgt Ion:152 Resp: 700070

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 39.359 ng

RT: 9.592 min Scan# 1276

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

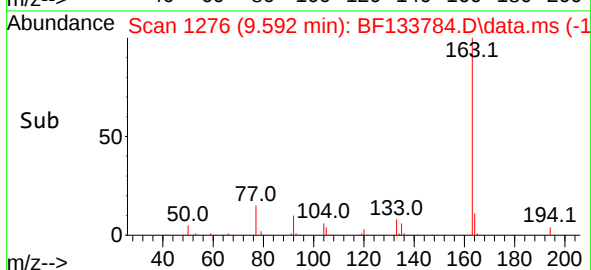
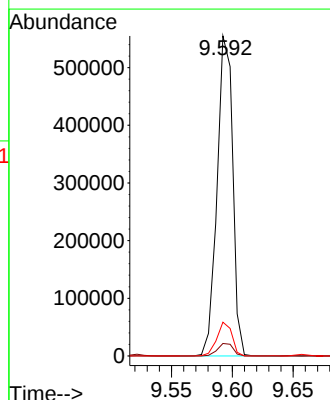
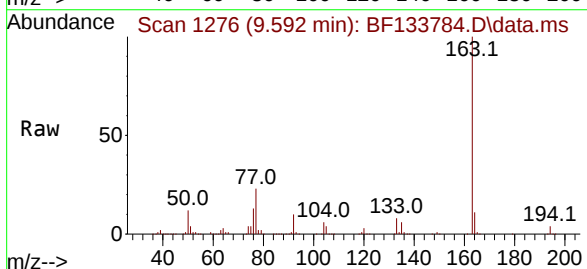
Tgt Ion:163 Resp: 496016

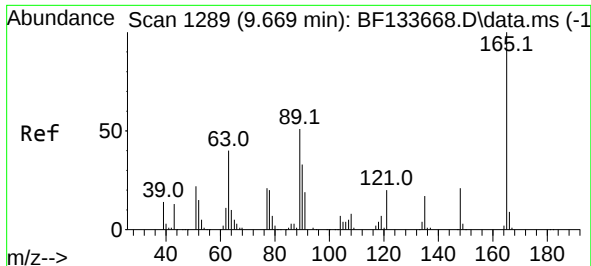
Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

164 10.6 8.0 12.0

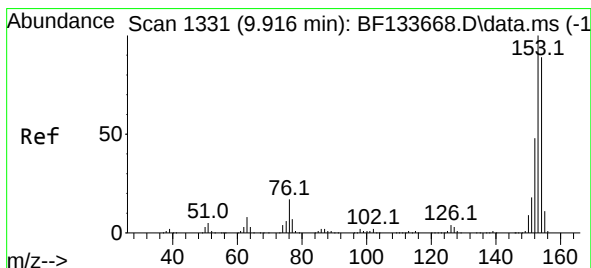
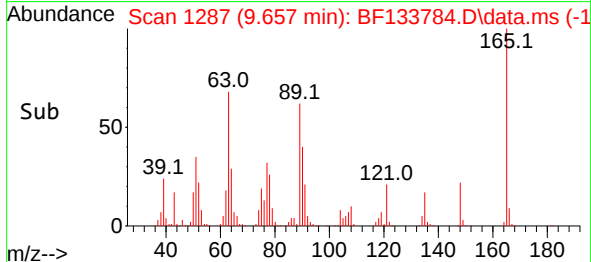
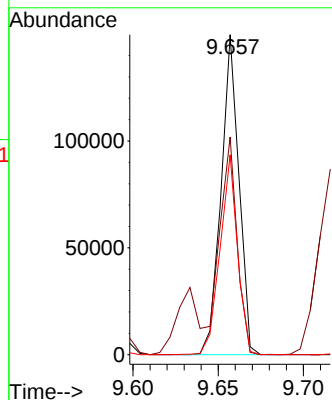
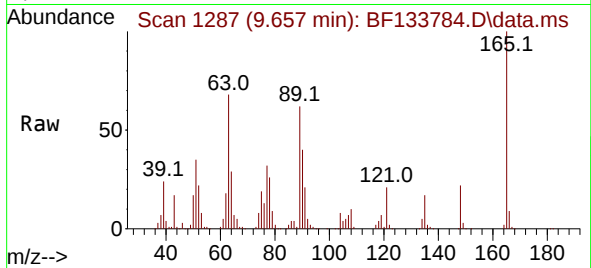




#51
2,6-Dinitrotoluene
Concen: 41.947 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

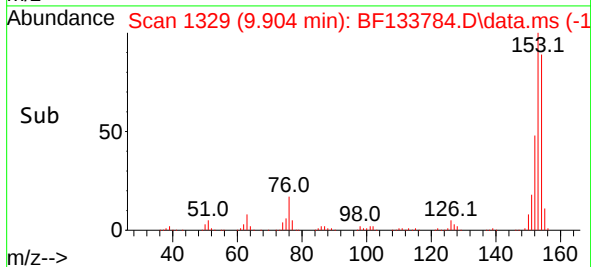
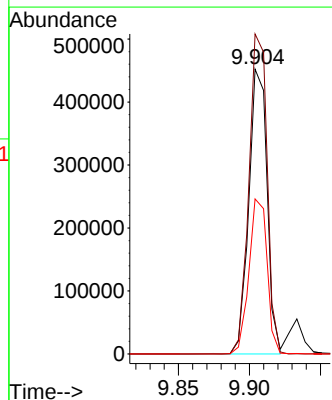
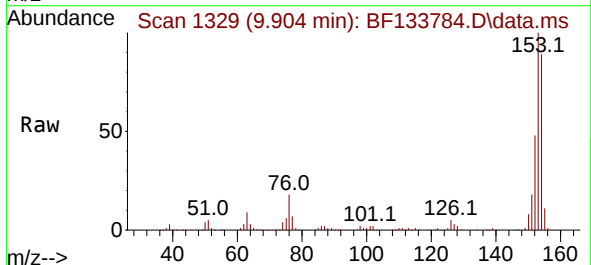
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

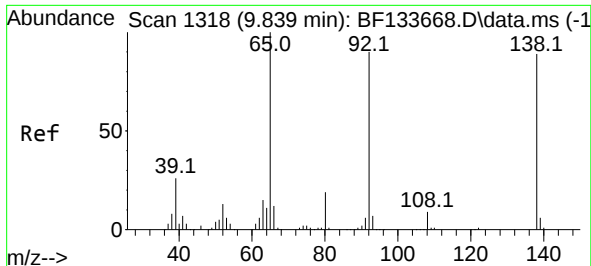
Tgt Ion:165 Resp: 109113
Ion Ratio Lower Upper
165 100
63 68.0 42.1 63.1#
89 62.5 40.9 61.3#



#52
Acenaphthene
Concen: 40.546 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion:154 Resp: 403474
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.8
152 54.5 43.4 65.2

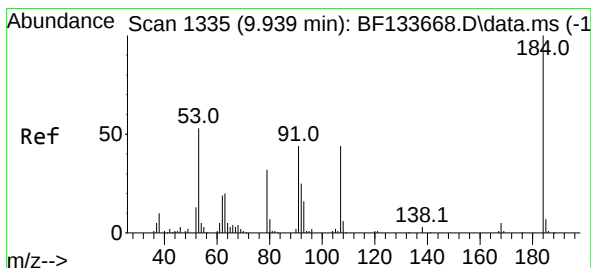
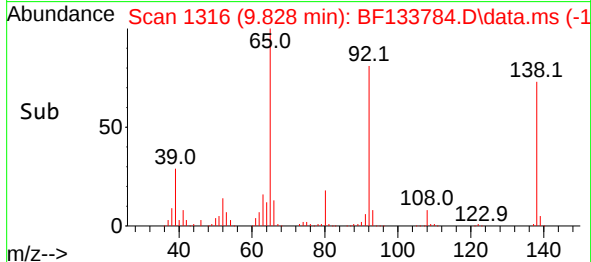
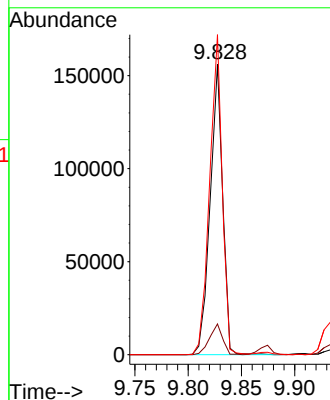
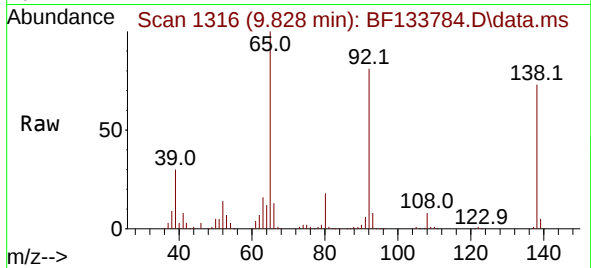




#53
3-Nitroaniline
Concen: 40.621 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

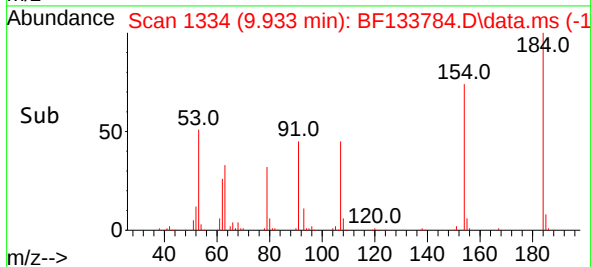
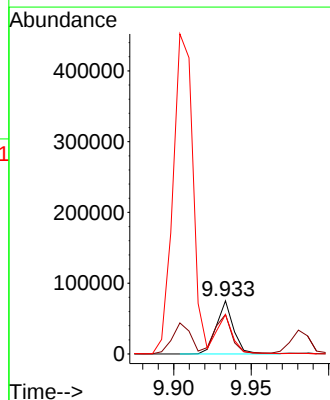
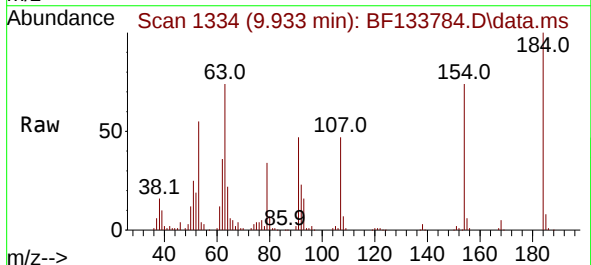
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

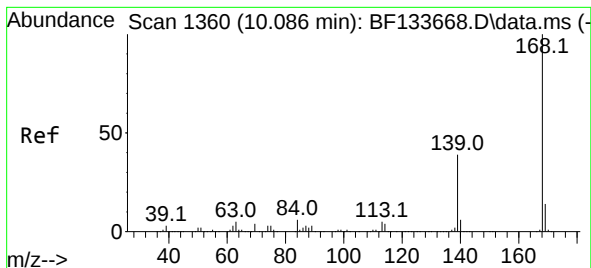
Tgt Ion:138 Resp: 128587
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.4
92 110.2 81.0 121.6



#54
2,4-Dinitrophenol
Concen: 47.799 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion:184 Resp: 57609
Ion Ratio Lower Upper
184 100
63 74.5 55.3 82.9
154 74.2 51.9 77.9





#55

Dibenzenofuran

Concen: 41.469 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

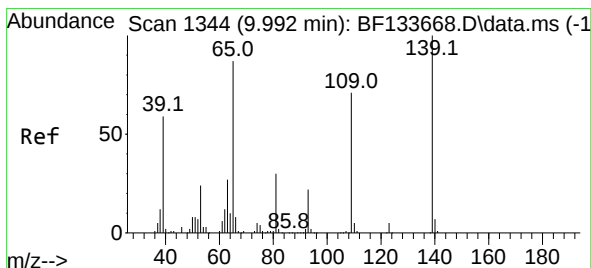
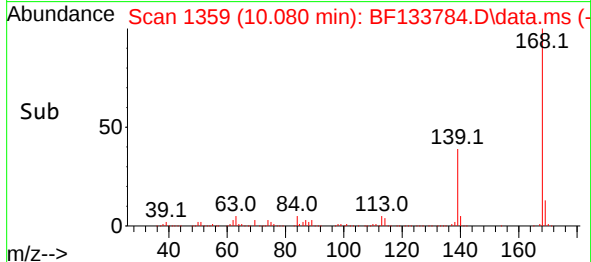
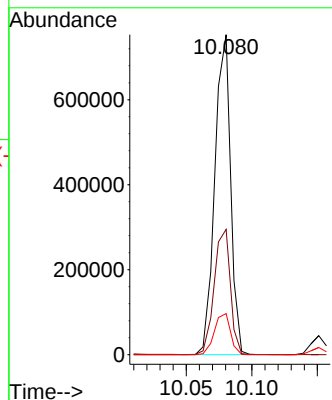
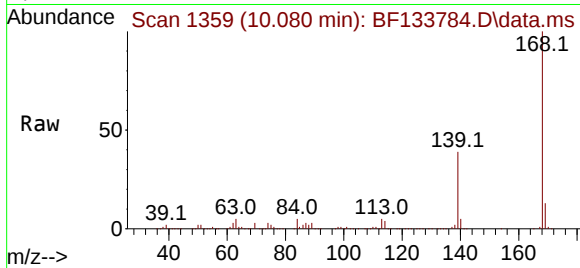
Tgt Ion:168 Resp: 629682

Ion Ratio Lower Upper

168 100

139 39.2 30.9 46.3

169 12.9 10.9 16.3



#56

4-Nitrophenol

Concen: 41.090 ng

RT: 9.980 min Scan# 1342

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

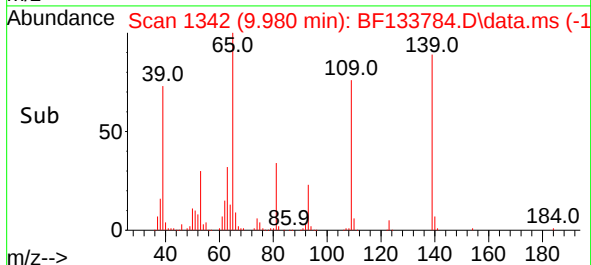
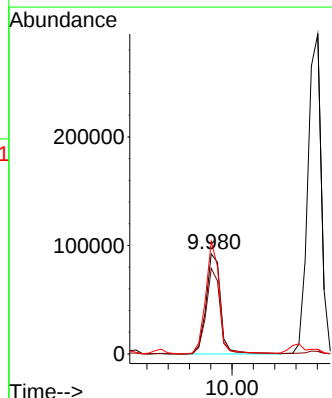
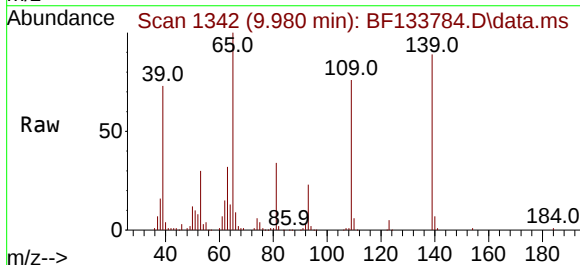
Tgt Ion:139 Resp: 87785

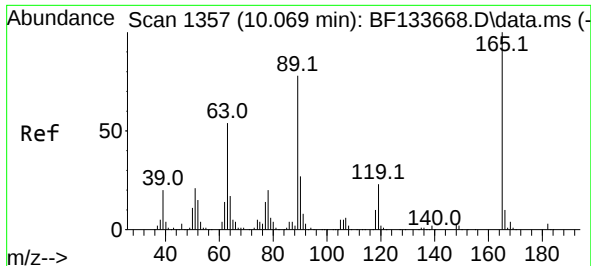
Ion Ratio Lower Upper

139 100

109 85.4 50.7 90.7

65 112.5 67.1 107.1#





#57

2,4-Dinitrotoluene

Concen: 42.230 ng

RT: 10.063 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 139709

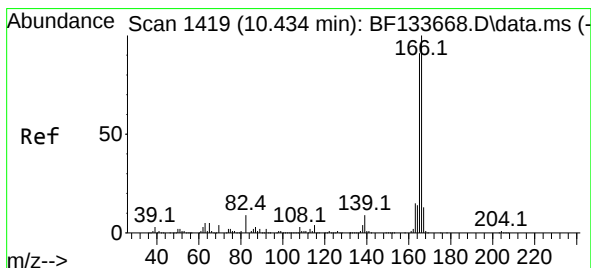
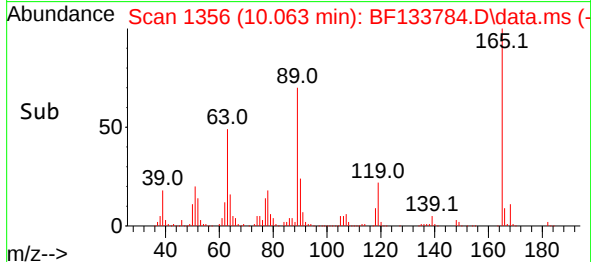
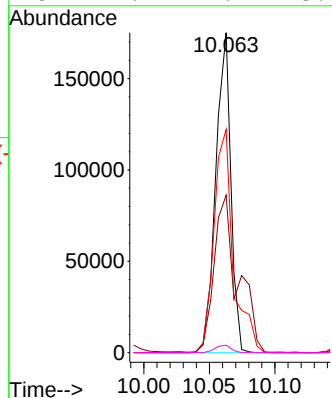
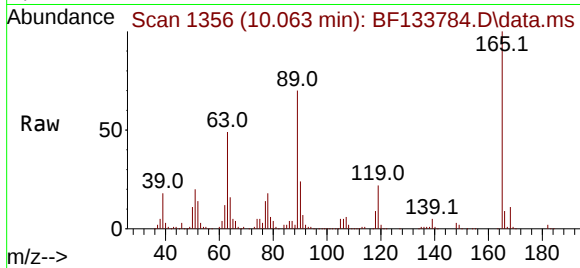
Ion Ratio Lower Upper

165 100

63 49.2 43.0 64.6

89 69.8 62.6 93.8

182 2.4 2.2 3.2



#58

Fluorene

Concen: 40.822 ng

RT: 10.422 min Scan# 1417

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

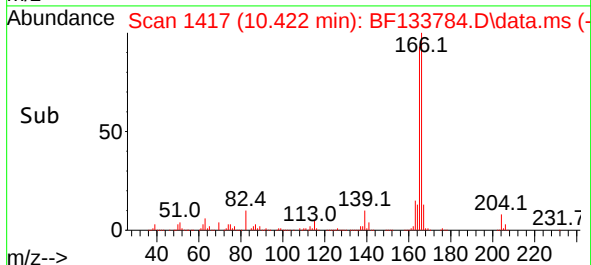
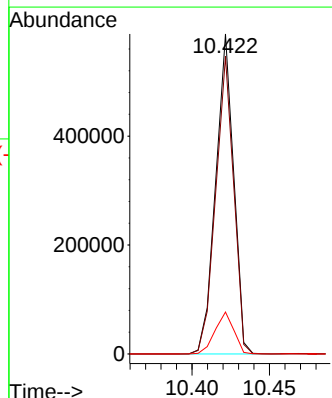
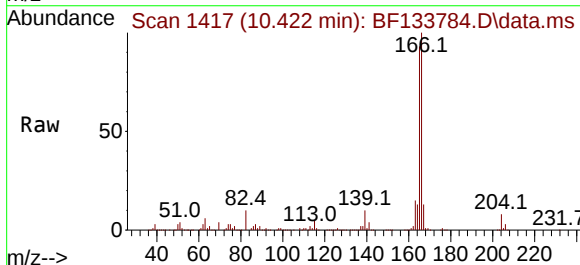
Tgt Ion:166 Resp: 474029

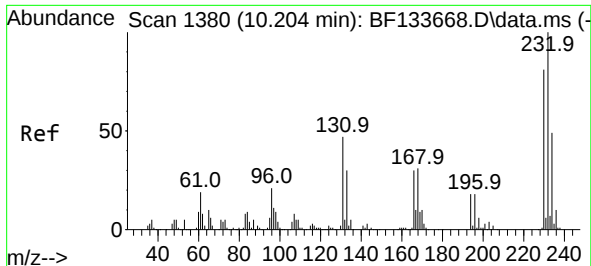
Ion Ratio Lower Upper

166 100

165 93.0 73.1 109.7

167 13.1 10.5 15.7

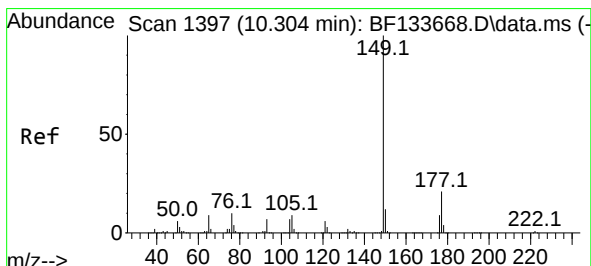
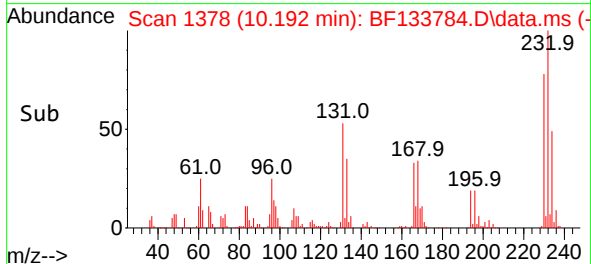
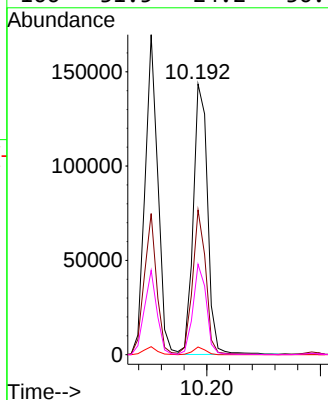
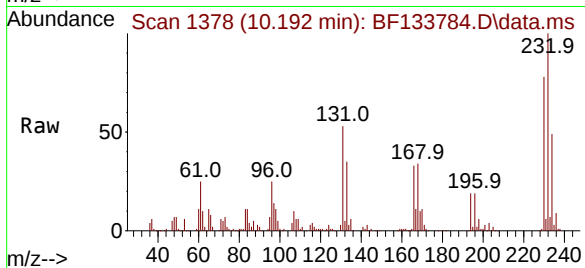




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.099 ng
RT: 10.192 min Scan# 1378
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

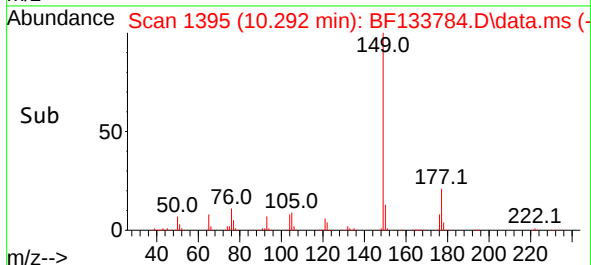
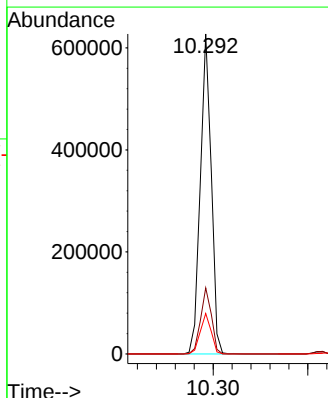
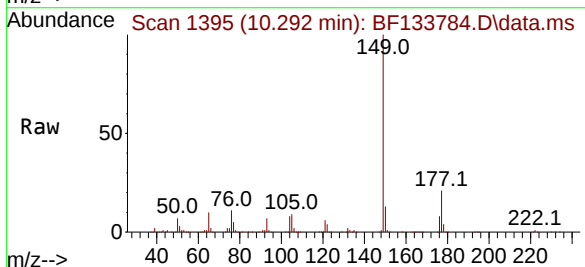
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

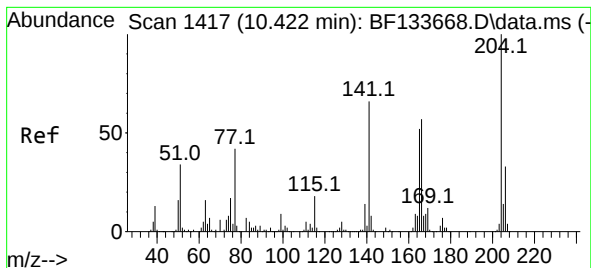
Tgt Ion:232 Resp: 125771
Ion Ratio Lower Upper
232 100
131 49.7 38.0 57.0
130 2.5 1.8 2.8
166 31.5 24.2 36.4



#60
Diethylphthalate
Concen: 38.992 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion:149 Resp: 500122
Ion Ratio Lower Upper
149 100
177 20.6 17.0 25.6
150 12.7 10.0 15.0

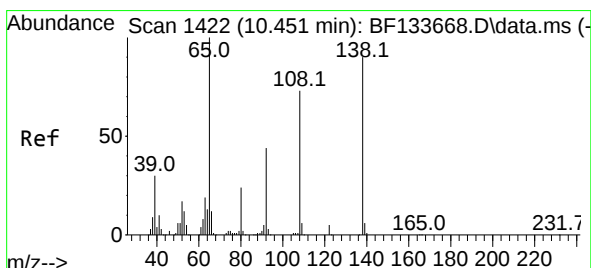
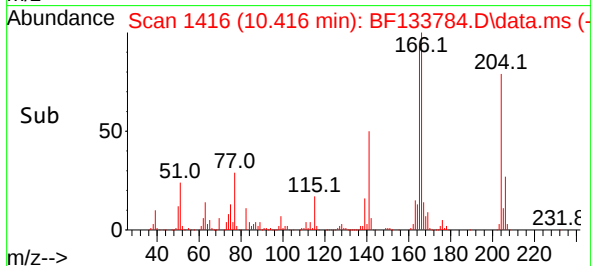
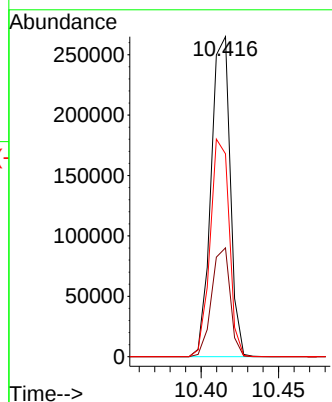
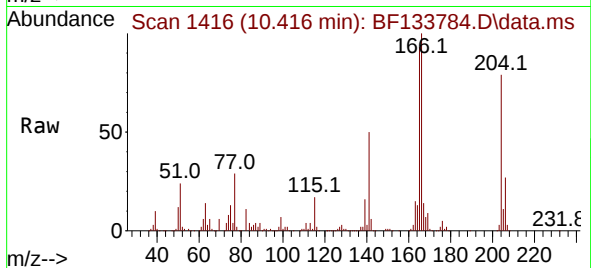




#61
4-Chlorophenyl-phenylether
Concen: 39.739 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

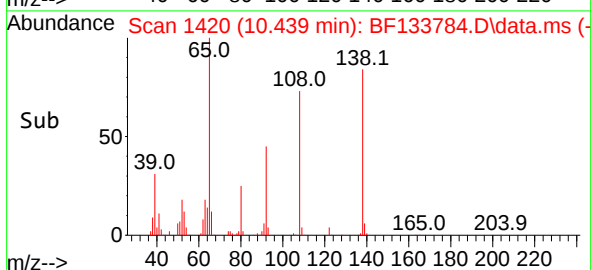
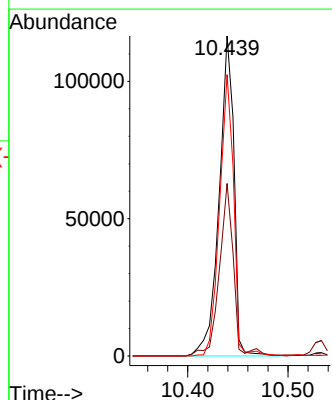
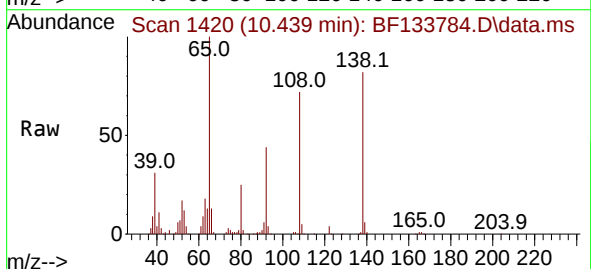
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

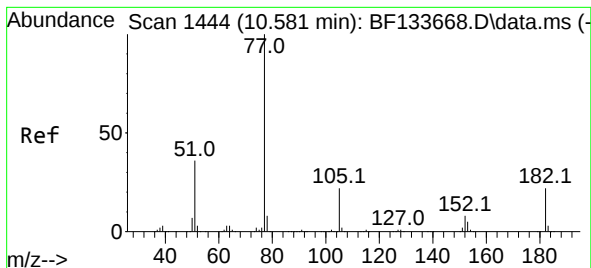
Tgt Ion:204 Resp: 227804
Ion Ratio Lower Upper
204 100
206 34.0 26.4 39.6
141 63.4 52.8 79.2



#62
4-Nitroaniline
Concen: 38.470 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion:138 Resp: 119400
Ion Ratio Lower Upper
138 100
92 53.9 28.9 68.9
108 87.9 61.0 101.0





#63

Azobenzene

Concen: 39.627 ng

RT: 10.575 min Scan# 1443

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 481162

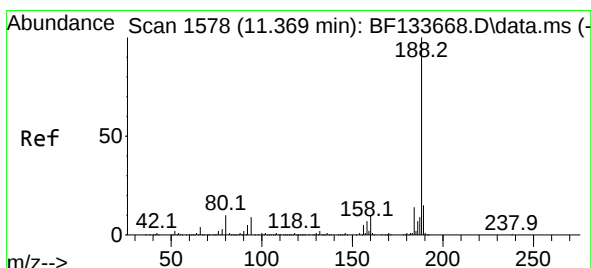
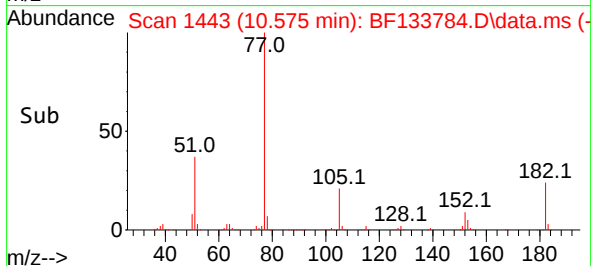
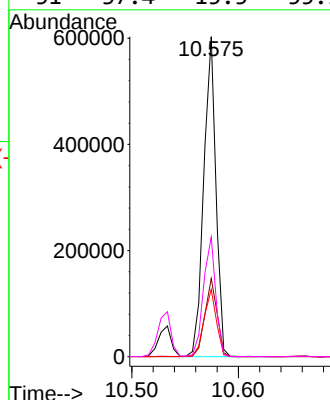
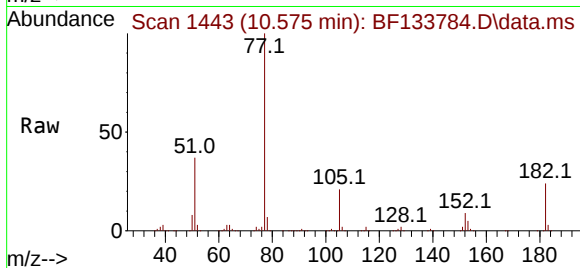
Ion Ratio Lower Upper

77 100

182 24.4 1.6 41.6

105 21.0 1.6 41.6

51 37.4 15.5 55.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

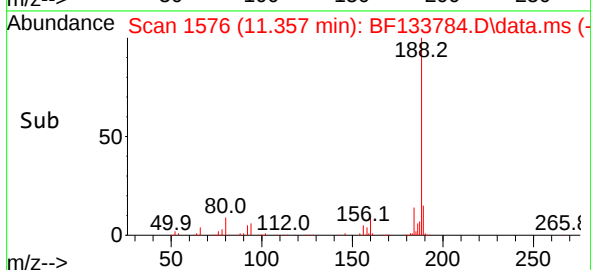
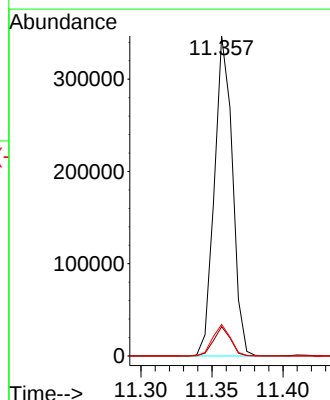
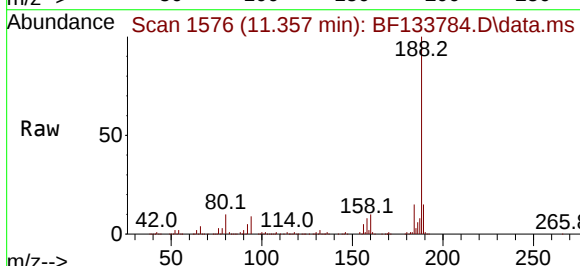
Tgt Ion: 188 Resp: 307557

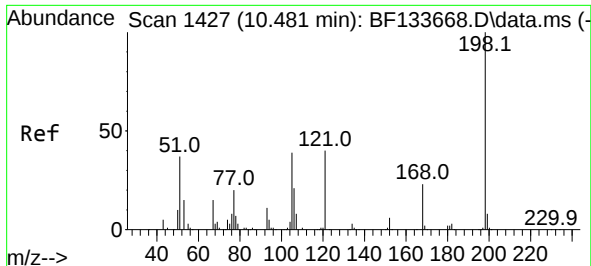
Ion Ratio Lower Upper

188 100

94 9.2 6.8 10.2

80 9.9 7.8 11.6

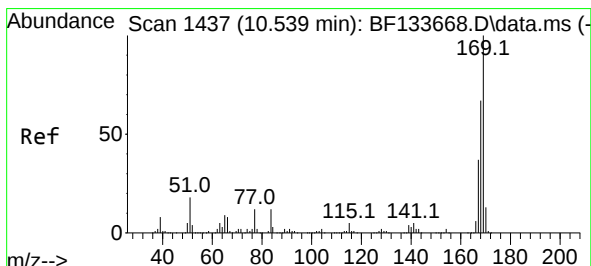
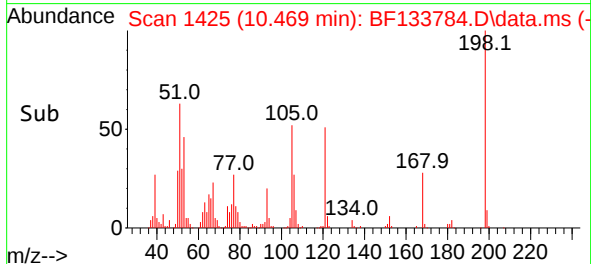
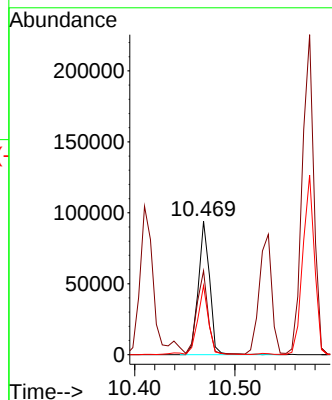
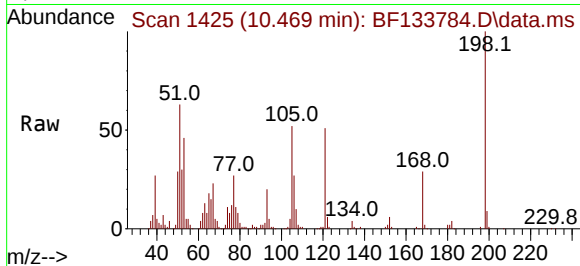




#65
4,6-Dinitro-2-methylphenol
Concen: 49.997 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

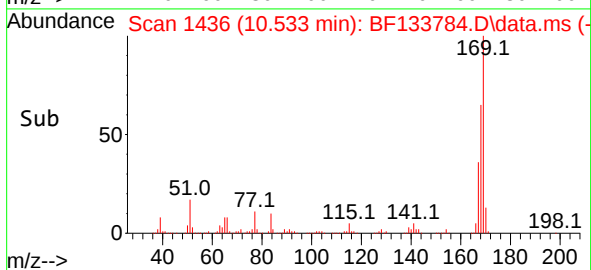
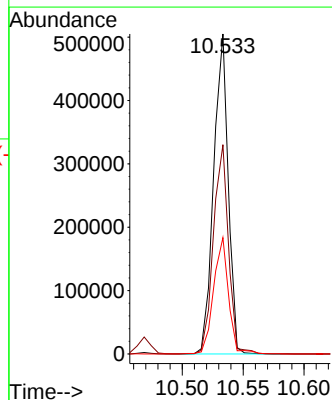
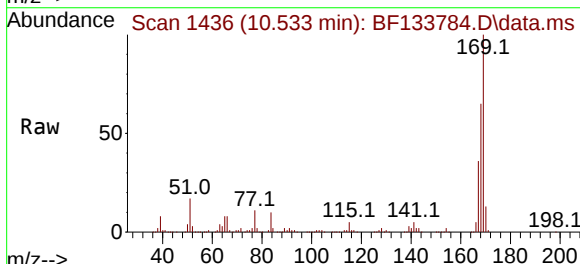
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 73479
Ion Ratio Lower Upper
198 100
51 62.8 27.5 67.5
105 51.9 21.0 61.0



#66
n-Nitrosodiphenylamine
Concen: 40.440 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion:169 Resp: 417782
Ion Ratio Lower Upper
169 100
168 65.4 53.7 80.5
167 36.4 29.8 44.8

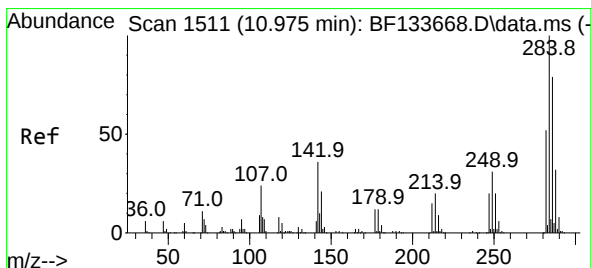
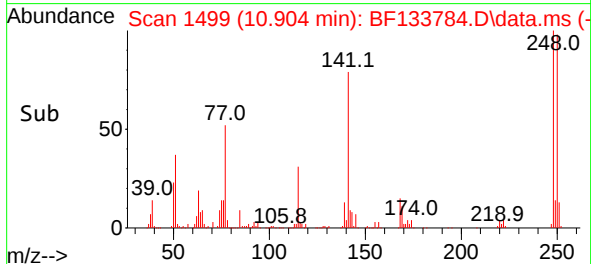
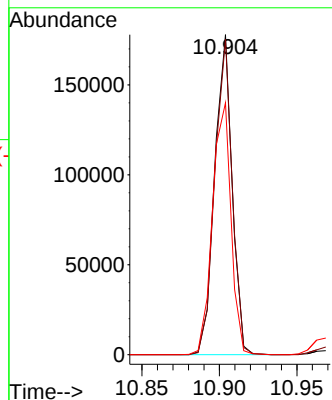
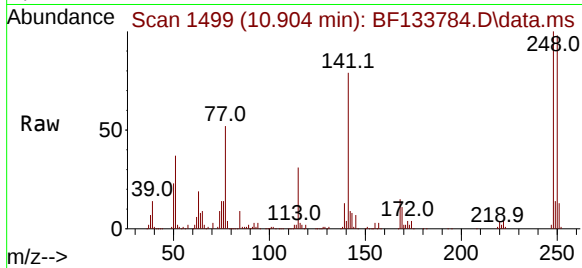




#67
4-Bromophenyl-phenylether
Concen: 40.656 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

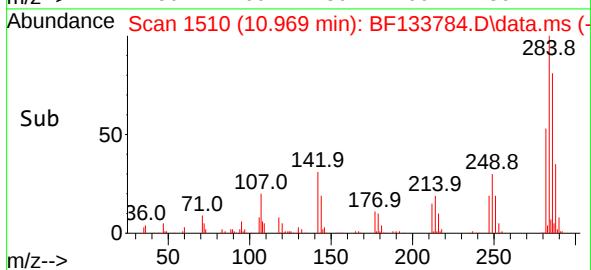
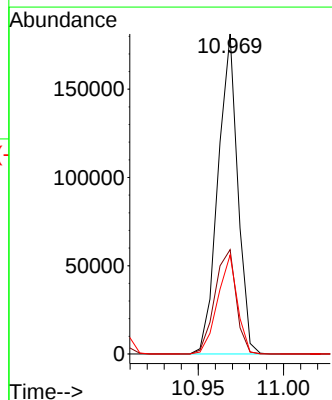
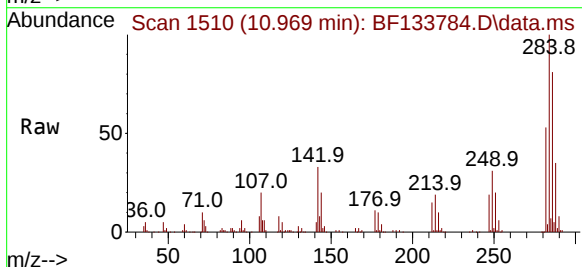
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

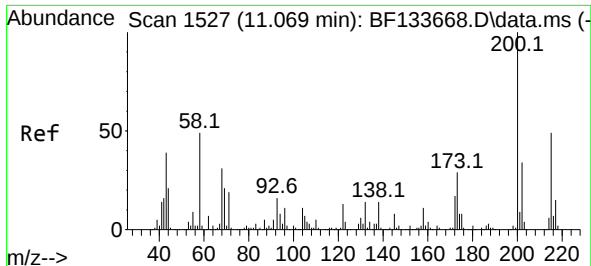
Tgt Ion:248 Resp: 139562
Ion Ratio Lower Upper
248 100
250 98.5 78.3 117.5
141 78.7 69.0 103.6



#68
Hexachlorobenzene
Concen: 40.398 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion:284 Resp: 145830
Ion Ratio Lower Upper
284 100
142 32.6 28.6 42.8
249 31.0 24.6 36.8

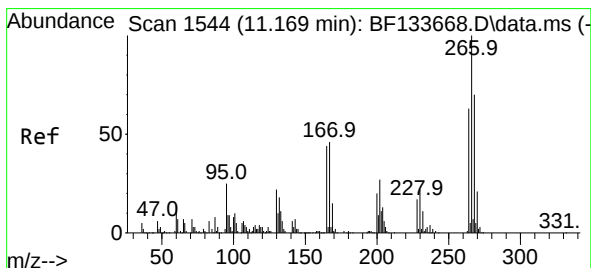
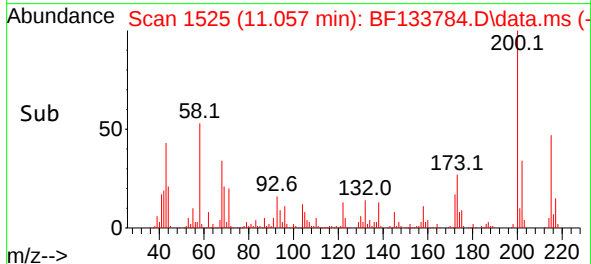
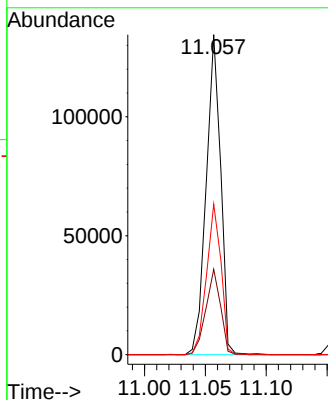
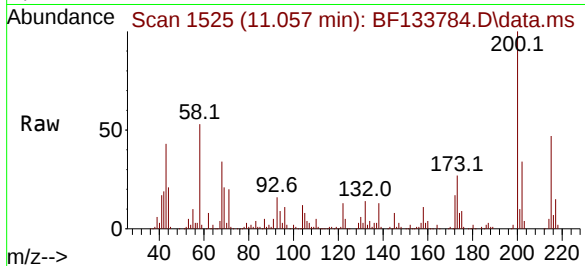




#69
 Atrazine
 Concen: 36.907 ng
 RT: 11.057 min Scan# 110629
 Delta R.T. -0.000 min
 Lab File: BF133784.D
 Acq: 15 Jun 2023 20:13

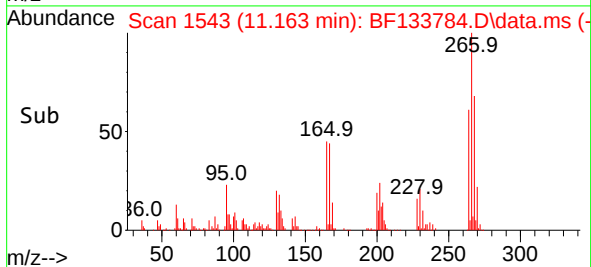
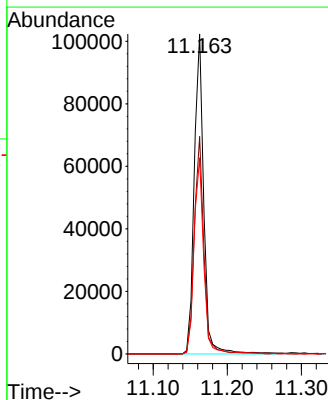
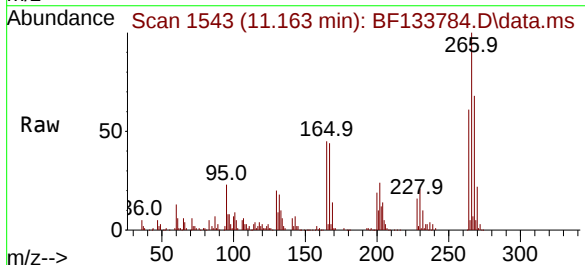
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

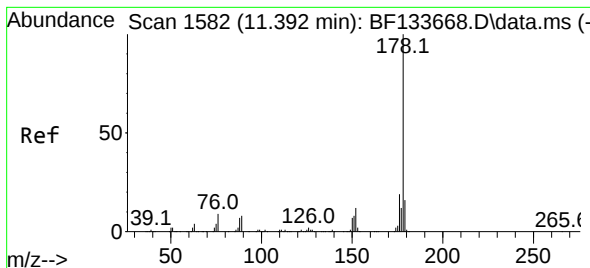
Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.7	8.7	48.7
215	47.0	29.0	69.0



#70
 Pentachlorophenol
 Concen: 41.963 ng
 RT: 11.163 min Scan# 1543
 Delta R.T. -0.000 min
 Lab File: BF133784.D
 Acq: 15 Jun 2023 20:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.9	55.7	83.5
264	61.3	50.7	76.1





#71

Phenanthrene

Concen: 40.255 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

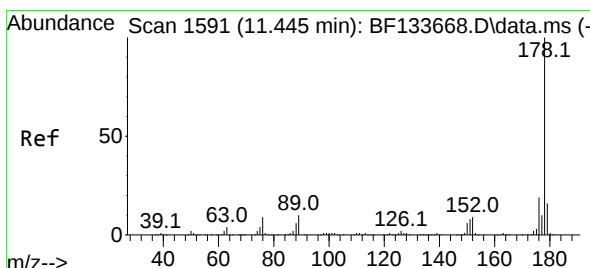
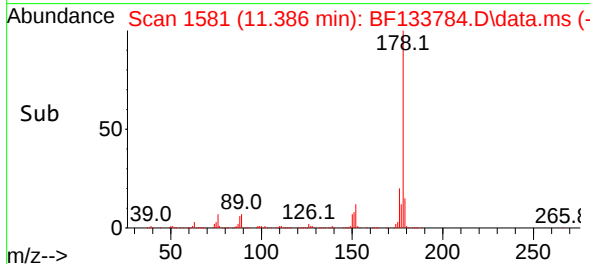
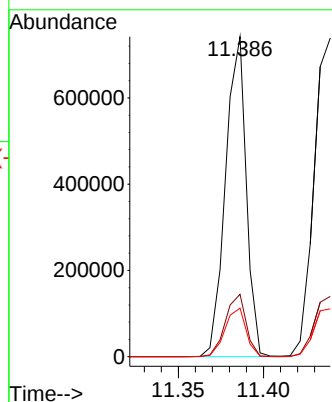
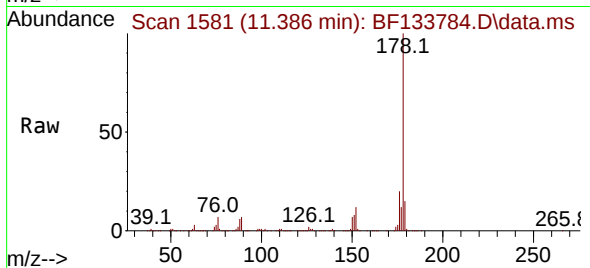
Tgt Ion:178 Resp: 628136

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

179 15.2 12.4 18.6



#72

Anthracene

Concen: 40.250 ng

RT: 11.439 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

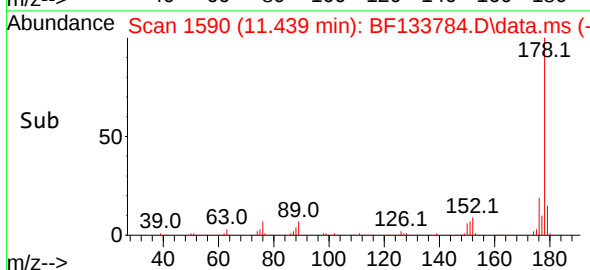
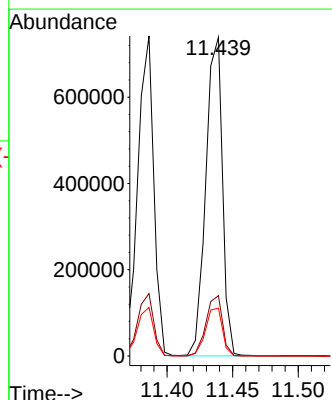
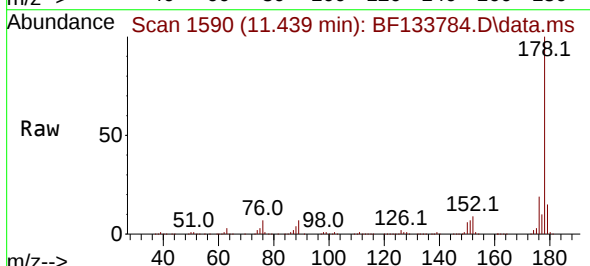
Tgt Ion:178 Resp: 654869

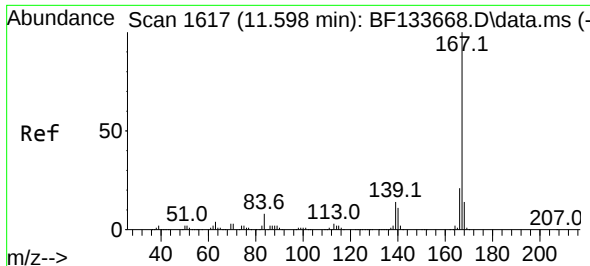
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

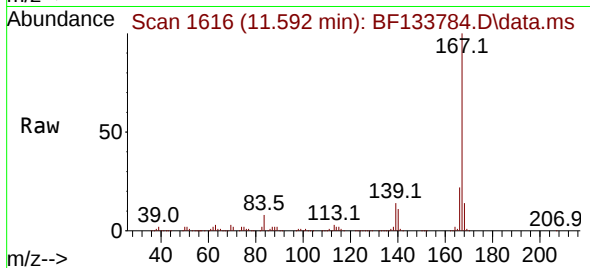
179 15.0 12.6 18.8



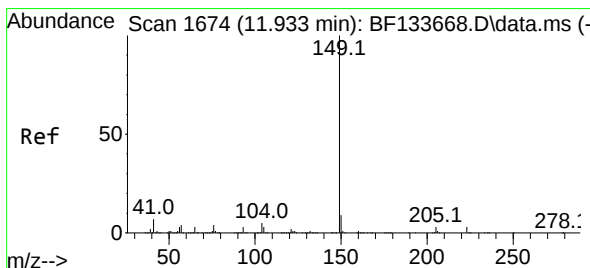
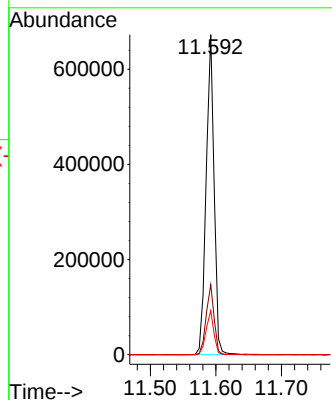
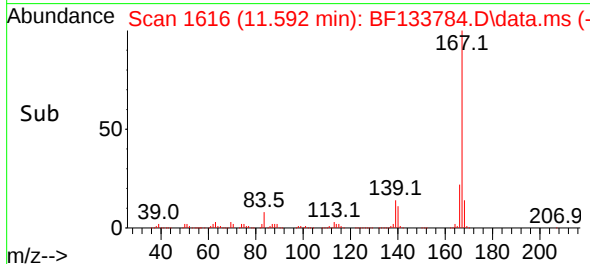


#73
 Carbazole
 Concen: 37.699 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.000 min
 Lab File: BF133784.D
 Acq: 15 Jun 2023 20:13

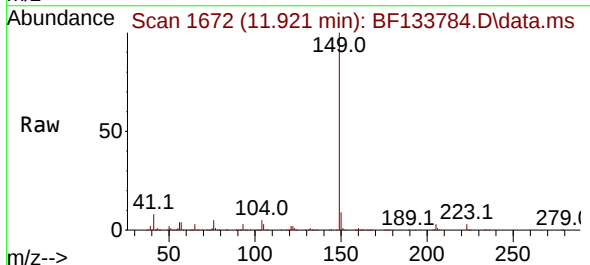
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



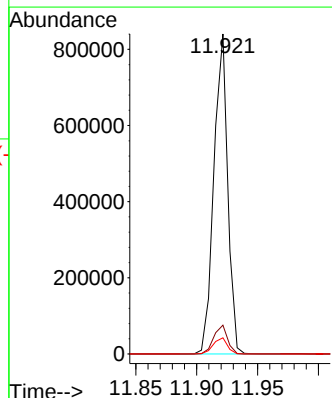
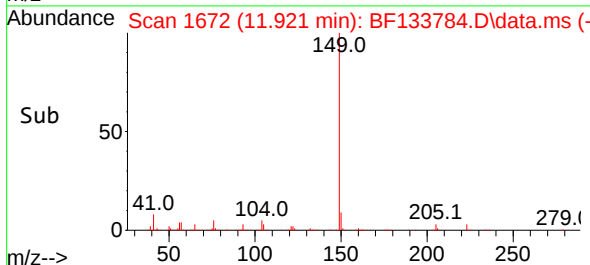
Tgt Ion:167 Resp: 571274
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.8 11.2 16.8

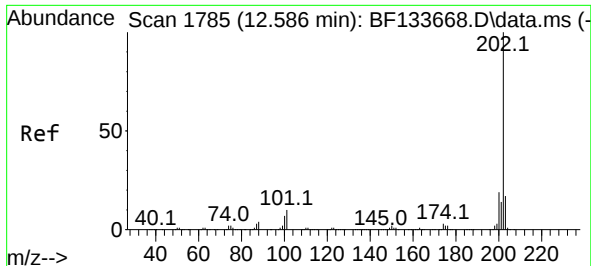


#74
 Di-n-butylphthalate
 Concen: 34.298 ng
 RT: 11.921 min Scan# 1672
 Delta R.T. -0.000 min
 Lab File: BF133784.D
 Acq: 15 Jun 2023 20:13



Tgt Ion:149 Resp: 666287
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 5.1 3.8 5.8

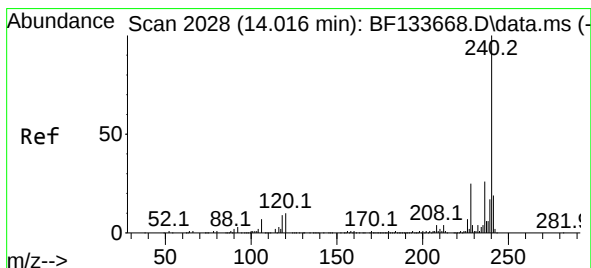
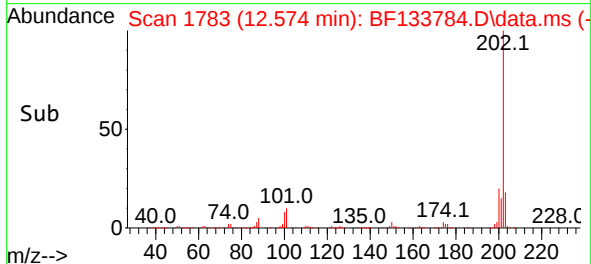
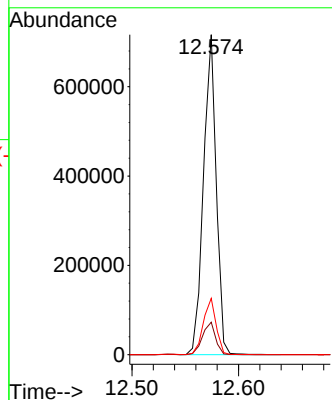
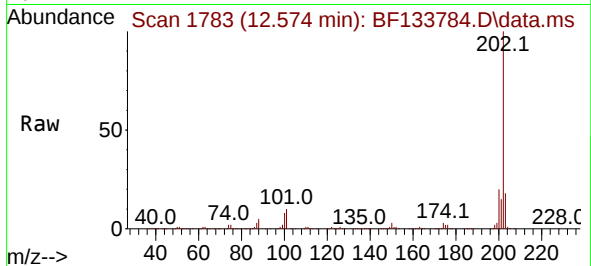




#75
Fluoranthene
Concen: 36.204 ng
RT: 12.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

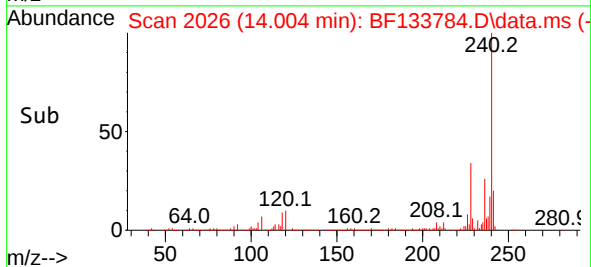
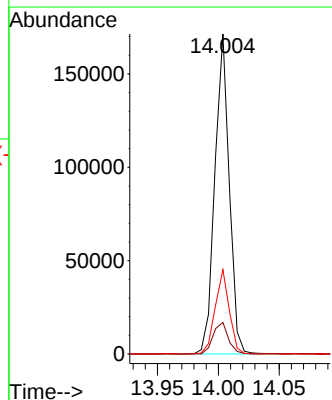
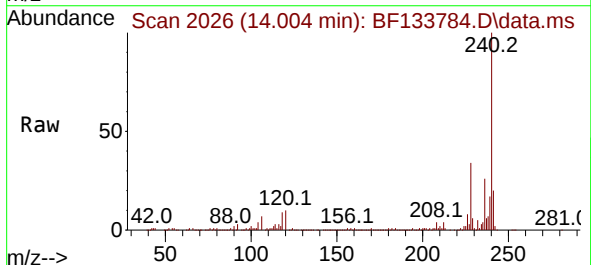
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

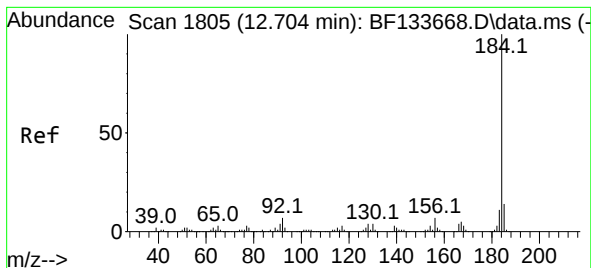
Tgt Ion:202 Resp: 599916
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.6
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion:240 Resp: 140735
Ion Ratio Lower Upper
240 100
120 9.8 8.1 12.1
236 26.4 20.5 30.7





#77

Benzidine

Concen: 29.991 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.006 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

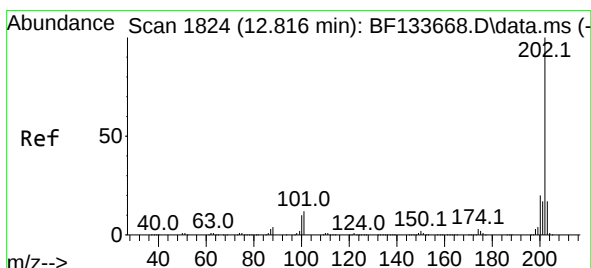
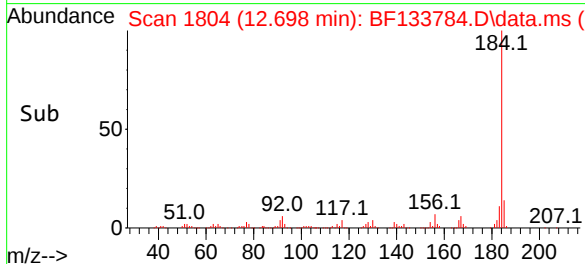
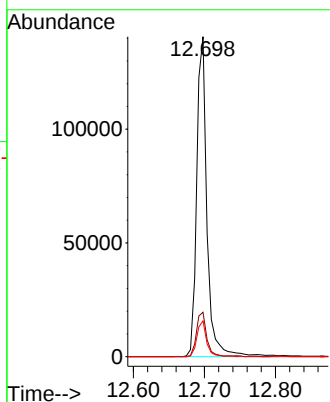
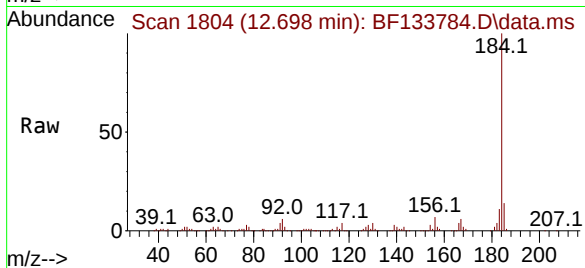
Tgt Ion:184 Resp: 141631

Ion Ratio Lower Upper

184 100

185 13.9 11.6 17.4

183 11.2 8.4 12.6



#78

Pyrene

Concen: 46.028 ng

RT: 12.804 min Scan# 1822

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

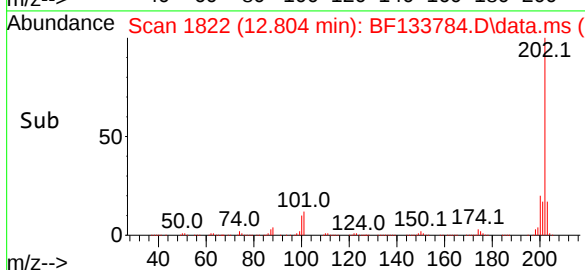
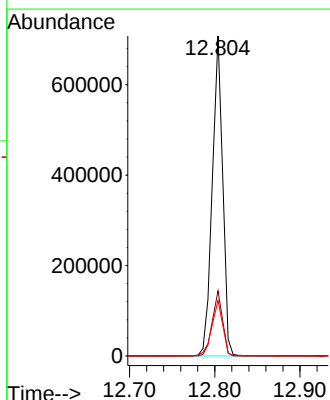
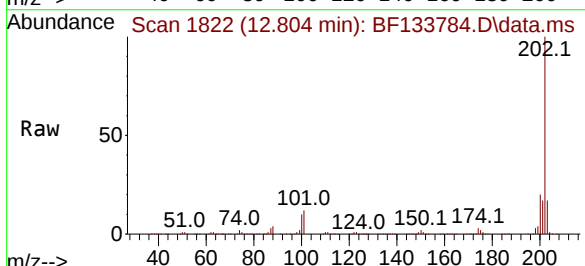
Tgt Ion:202 Resp: 603430

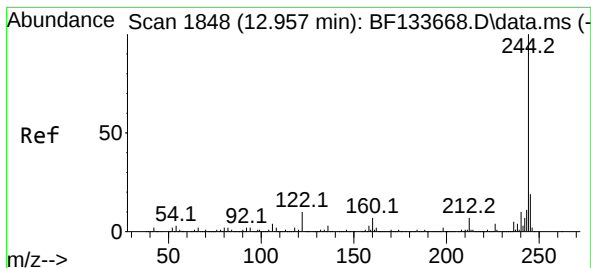
Ion Ratio Lower Upper

202 100

200 20.3 16.2 24.2

203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 85.175 ng

RT: 12.945 min Scan# 1846

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

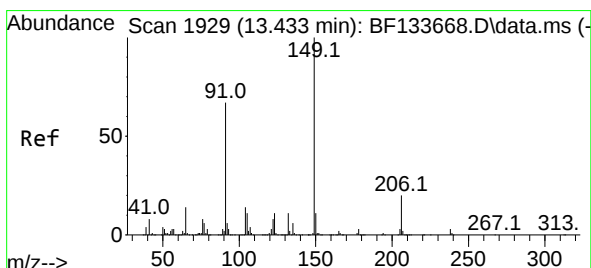
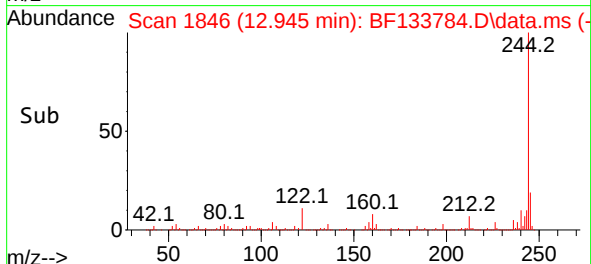
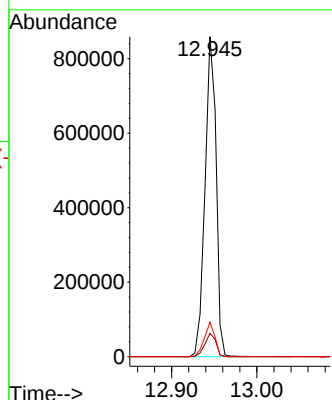
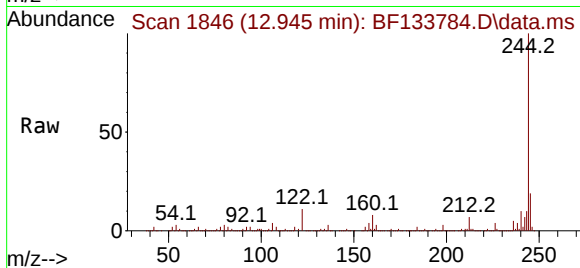
Tgt Ion:244 Resp: 774691

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.2

122 10.8 8.1 12.1



#80

Butylbenzylphthalate

Concen: 36.104 ng

RT: 13.421 min Scan# 1927

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

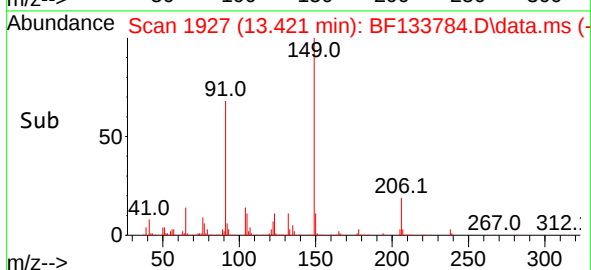
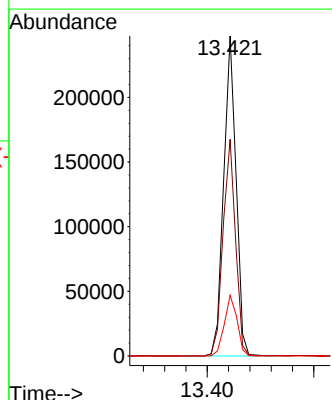
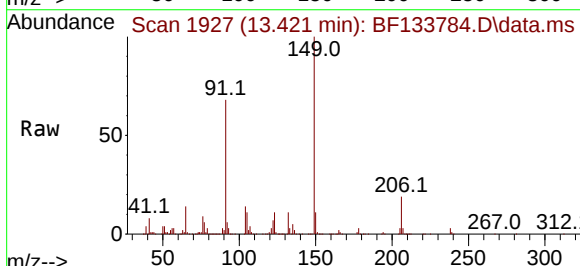
Tgt Ion:149 Resp: 199820

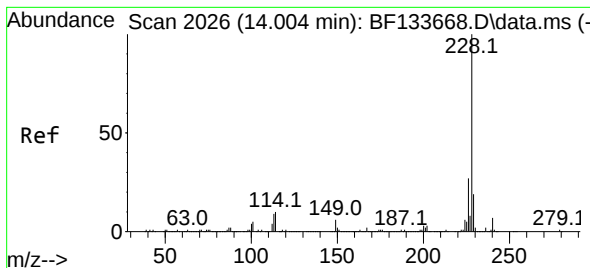
Ion Ratio Lower Upper

149 100

91 67.7 54.0 81.0

206 19.0 15.6 23.4





#81

Benzo(a)anthracene

Concen: 41.308 ng

RT: 13.992 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

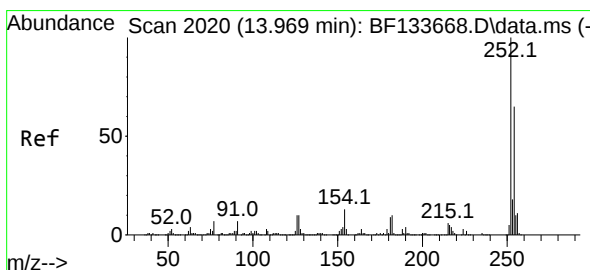
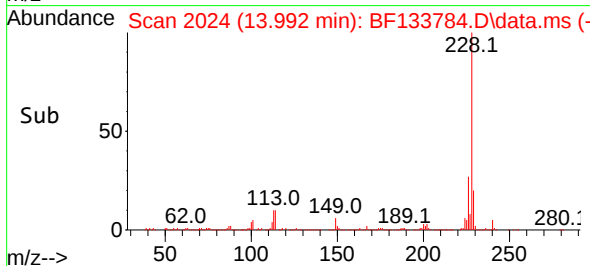
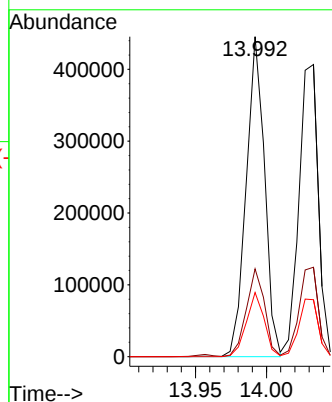
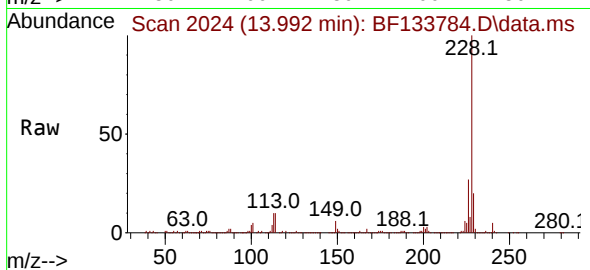
Tgt Ion:228 Resp: 402120

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

229 20.0 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 38.832 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

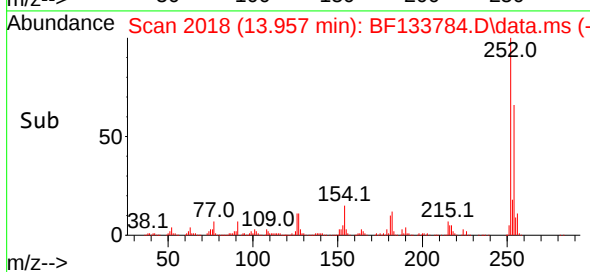
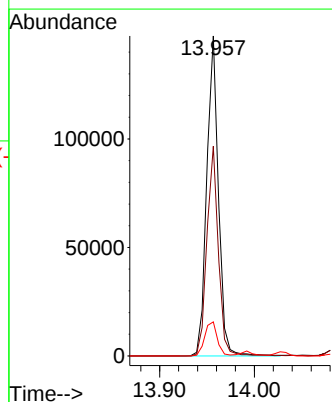
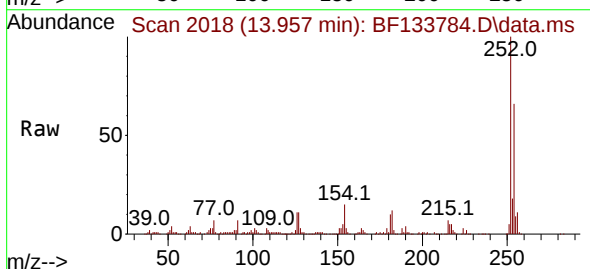
Tgt Ion:252 Resp: 125676

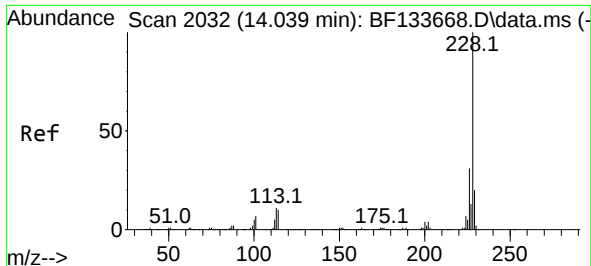
Ion Ratio Lower Upper

252 100

254 65.5 51.9 77.9

126 10.7 7.7 11.5

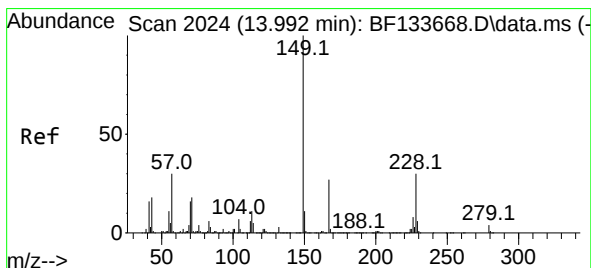
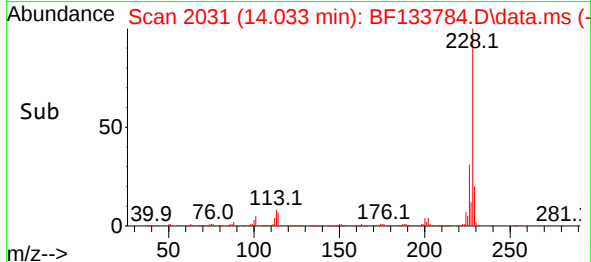
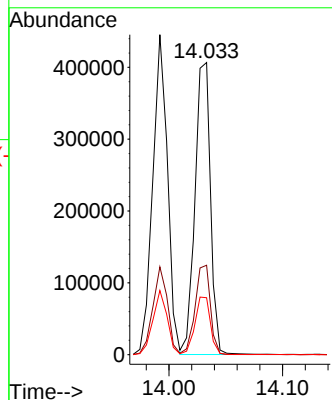
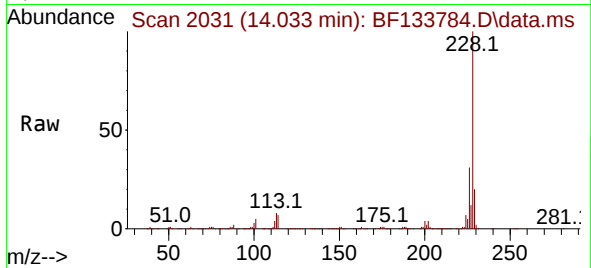




#83
Chrysene
Concen: 42.059 ng
RT: 14.033 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

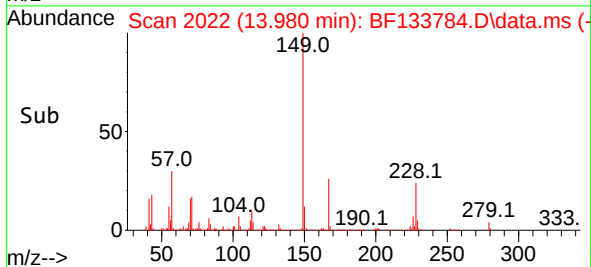
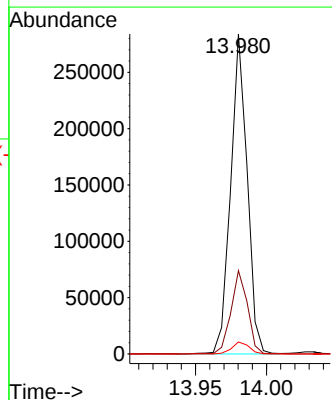
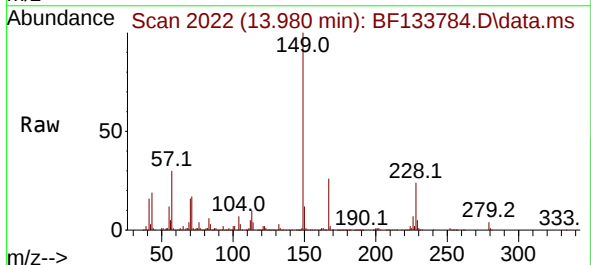
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

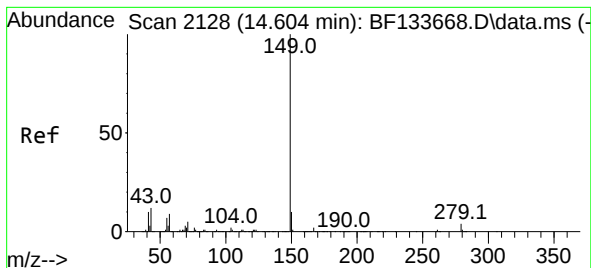
Tgt Ion:228 Resp: 387252
Ion Ratio Lower Upper
228 100
226 30.6 25.0 37.6
229 19.5 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 33.792 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF133784.D
Acq: 15 Jun 2023 20:13

Tgt Ion:149 Resp: 230283
Ion Ratio Lower Upper
149 100
167 26.1 21.8 32.8
279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 39.816 ng

RT: 14.592 min Scan# 2126

Delta R.T. -0.006 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

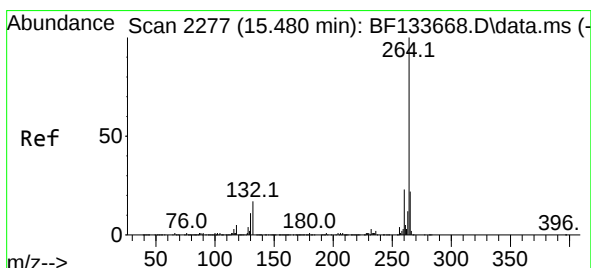
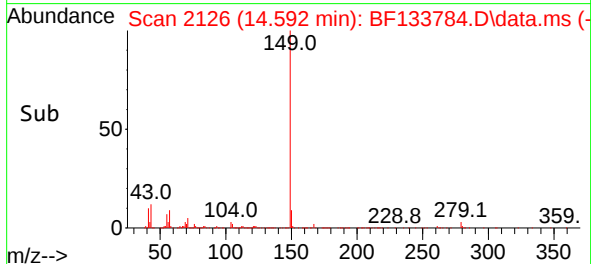
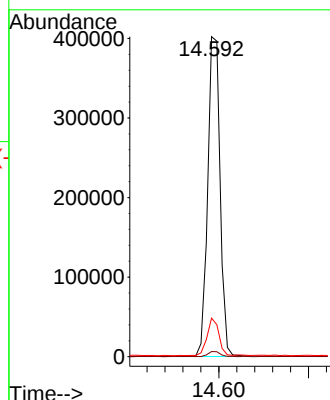
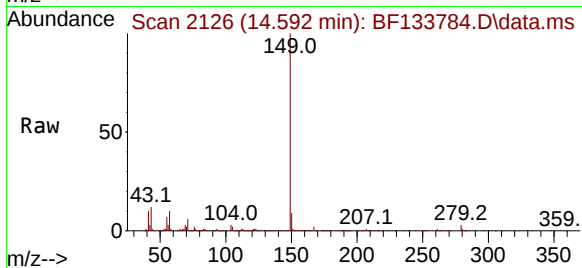
Tgt Ion:149 Resp: 385584

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 11.0 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 2274

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

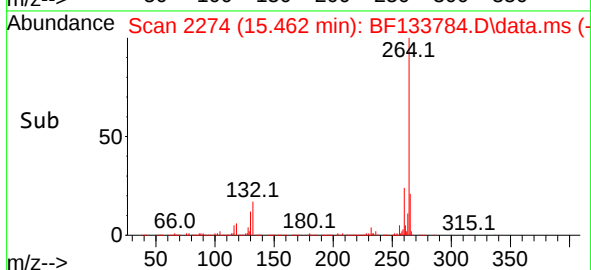
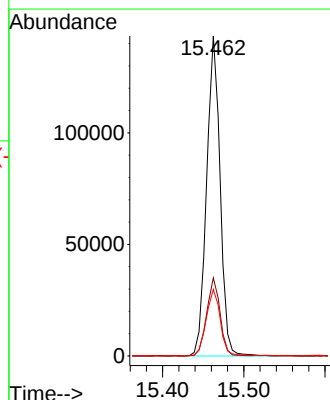
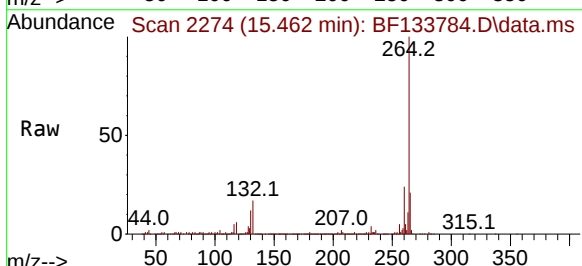
Tgt Ion:264 Resp: 164926

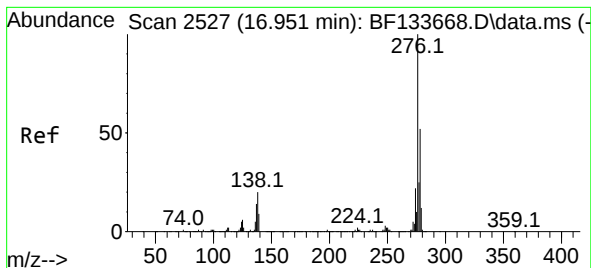
Ion Ratio Lower Upper

264 100

260 24.4 18.2 27.2

265 20.8 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.735 ng

RT: 16.927 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

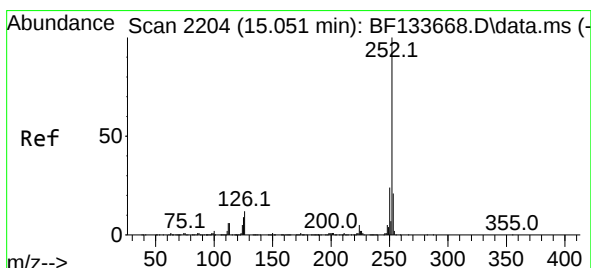
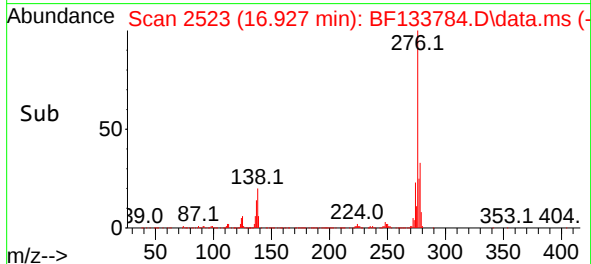
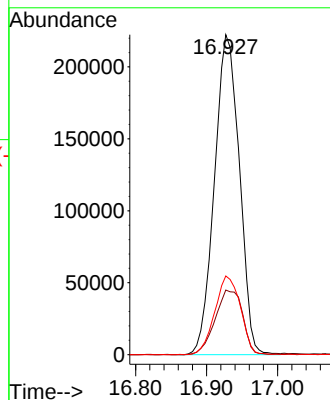
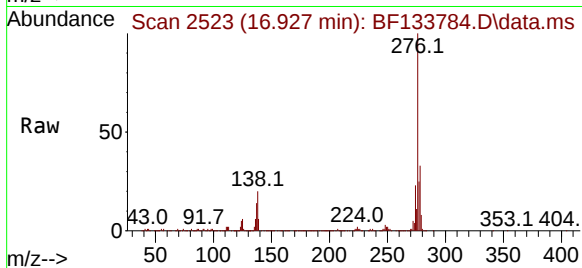
Tgt Ion:276 Resp: 541625

Ion Ratio Lower Upper

276 100

138 22.4 17.9 26.9

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 36.150 ng

RT: 15.039 min Scan# 2202

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

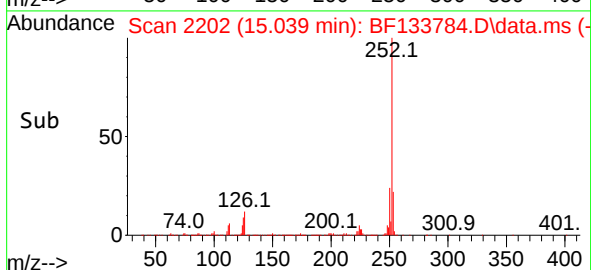
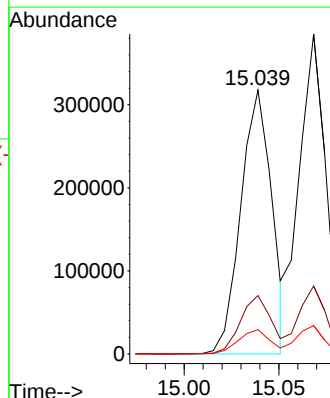
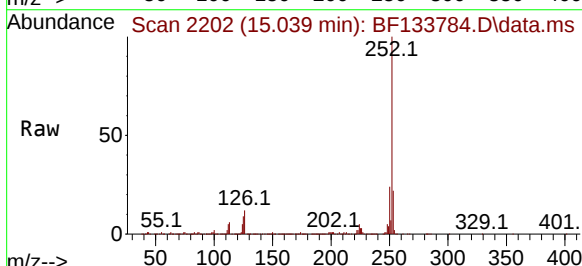
Tgt Ion:252 Resp: 362170

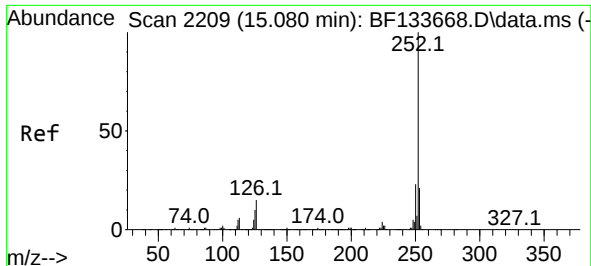
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 9.2 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 38.416 ng

RT: 15.068 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

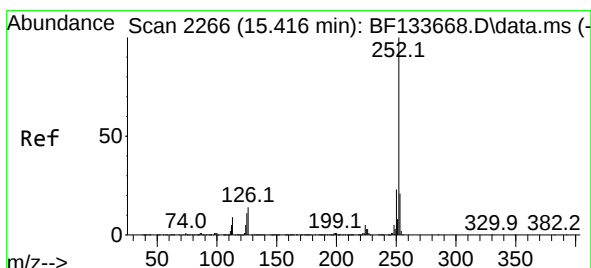
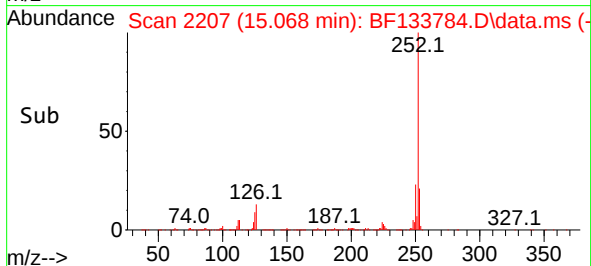
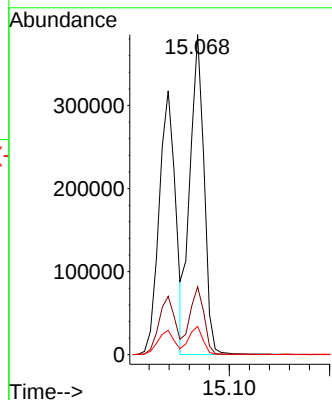
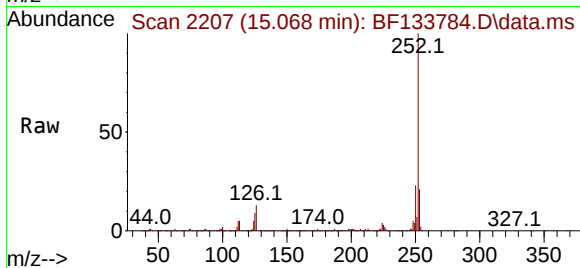
Tgt Ion:252 Resp: 374914

Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.4

125 8.8 7.8 11.6



#90

Benzo(a)pyrene

Concen: 40.832 ng

RT: 15.404 min Scan# 2264

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

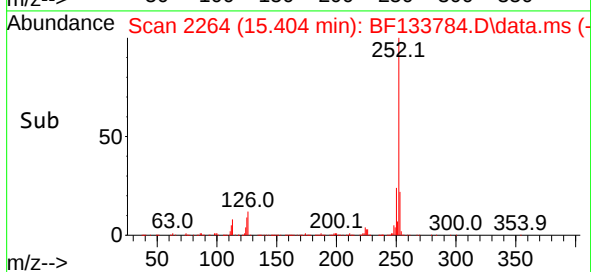
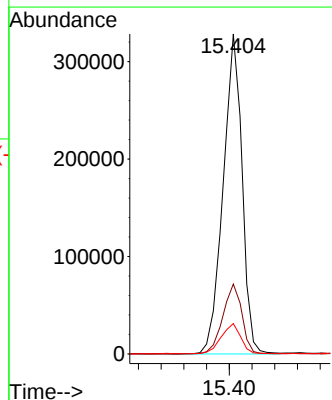
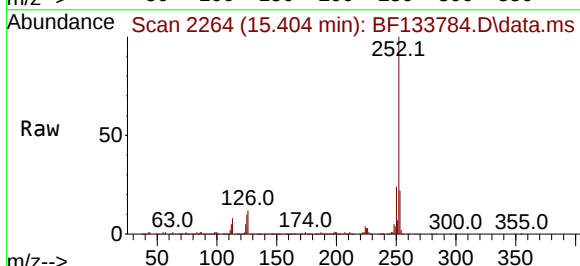
Tgt Ion:252 Resp: 379659

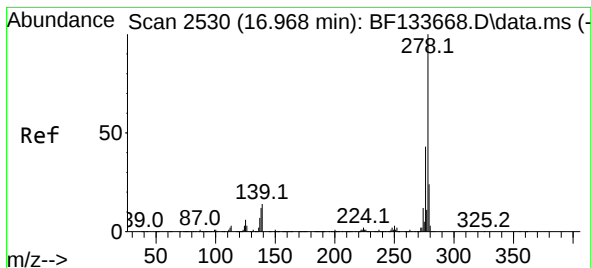
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 9.5 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 47.304 ng

RT: 16.945 min Scan# 2526

Delta R.T. -0.000 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

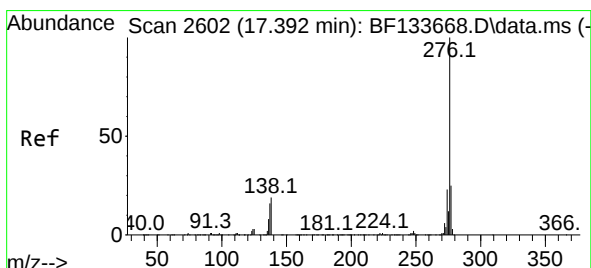
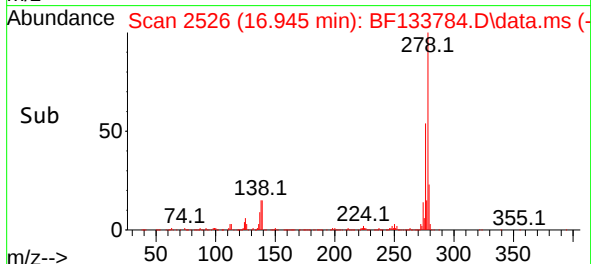
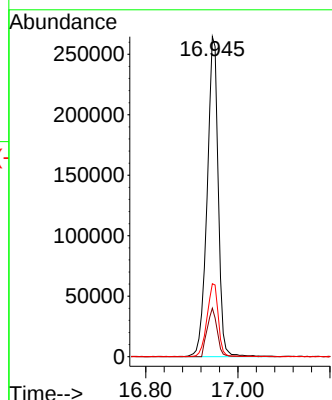
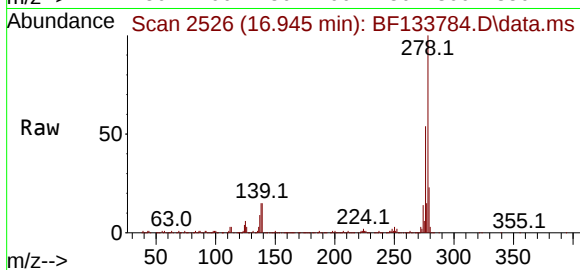
Tgt Ion:278 Resp: 444360

Ion Ratio Lower Upper

278 100

139 15.2 11.4 17.2

279 22.8 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 49.245 ng

RT: 17.374 min Scan# 2599

Delta R.T. 0.006 min

Lab File: BF133784.D

Acq: 15 Jun 2023 20:13

Tgt Ion:276 Resp: 458646

Ion Ratio Lower Upper

276 100

277 25.0 19.8 29.8

138 19.7 15.0 22.4

